

Converting Colors

XYZ(75.0833, 79.3625, 87.3325)

Have a look what the booklet for
XYZ(75.0833, 79.3625, 87.3325)
contains.

XYZ(75.1363, 79.4720, 87.7235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.1363, 79.4720,
87.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E7E8
RGB	228, 231, 232
RGB Percent	89%, 91%, 91%
CMY	0.1059, 0.0941, 0.0902
CMYK	0.02, 0.00, 0.00, 0.09
HSL	195°, 8%, 90%
HSV	195°, 2%, 91%
XYZ	75.1363, 79.4720, 87.7235
YIQ	230.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

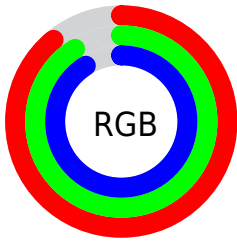
Format	Color
R _Y B	228, 230, 232
Decimal	15001576
CIE Lab	91.45, -0.82, -0.85
CIE LCh	91, 1.177, 225.996
Yxy	79.4720, 0.3101, 0.3279
Android (android.graphics.Color)	4293191656 (0xFFE4E7E8)
YUV	230.2170, 0.8790, -1.9443
Hunter-Lab	89.1471, -5.5613, 4.0597

Details

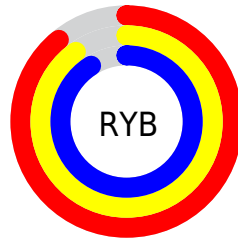
The XYZ color **75.1363, 79.4720, 87.7235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3017, 78.7950, 84.6400**, and the grayscale version is **75.3712, 79.2963, 86.3537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4000, 42.6788, 47.1828** is the 20% darker color. If you saturate the color by 10%, you get **66.6746, 72.7507, 86.8733**, and if you desaturate by 10%, it is **84.6436, 86.8160, 88.6411**.

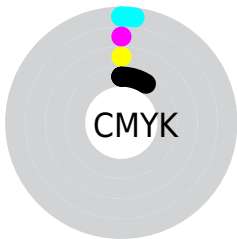
Distribution



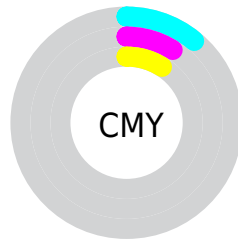
- Red (89%)
- Green (91%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1363, 79.4720, 87.7235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.1363, 79.4720, 87.7235 by changing the saturation by 10% instead.

■ 75.1363, 79.4720,
87.7235

■ 75.1363, 79.4720,
87.7235

467.3759,
493.1517, 540.9752

■ 56.0191, 59.2840,
65.5311

125.4922,
132.6231, 146.0799

■ 40.4553, 42.8417,
47.4378

157.4616,
166.3550, 183.0810

■ 28.0795, 29.7610,
33.0250

194.4457,
205.3703, 225.8553

■ 18.5264, 19.6572,
21.8743

236.8101,
250.0534, 274.8214

■ 11.4305, 12.1461,
13.5672

284.9199,
300.7887, 330.3980

■ 6.4266, 6.8433,
7.6849

339.1406,

■ 3.1493, 3.3643,

357.9606, 393.0034

3.8092

399.8374,
421.9534, 463.0563

■ 1.2332, 1.3247,
1.5212

■ 0.1323, 0.1602,
0.2337

■ 75.1363, 79.4720,
87.7235

■ 75.1363, 79.4720,
87.7235

■ 66.6746, 72.7507,
86.8733

■ 84.6436, 86.8160,
88.6411

■ 59.2121, 66.6208,
86.0835

■ 87.7252, 90.9252,
89.2719

■ 52.7089, 61.0633,
85.3535

■ 89.4775, 94.4299,
89.8560

■ 47.1197, 56.0538,
84.6812

■ 91.2847, 98.0443,
90.4584

■ 42.3956, 51.5665,
84.0640

■ 91.5657, 98.6063,
90.5521

■ 38.4827, 47.5728,
83.4994

■ 35.3207, 44.0407,
82.9843

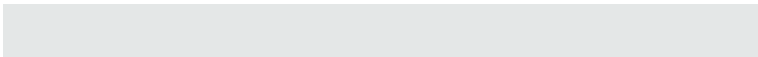
■ 32.8404, 40.9338,
82.5153

■ 30.9591, 38.2086,
82.0885

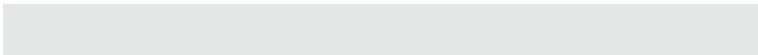
Harmonies

Analogous

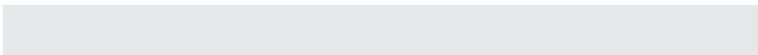
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9834, 79.4720, 86.9869



75.1363, 79.4720, 87.7235



75.3964, 79.4720, 88.1420

Triad

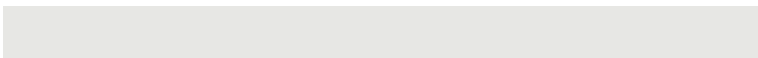
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1363, 79.4720, 87.7235



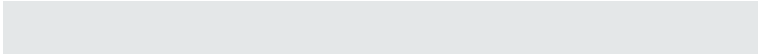
76.0960, 79.4720, 86.9313



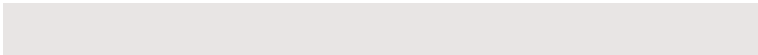
75.3771, 79.4720, 84.9554

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.1363, 79.4720, 87.7235



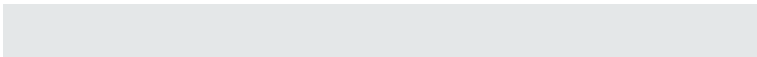
75.3017, 78.7950, 84.6400

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6752, 79.4720, 84.9407



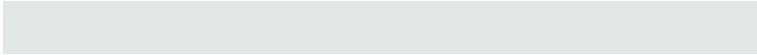
75.1363, 79.4720, 87.7235



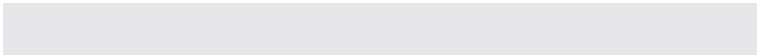
76.0908, 79.4720, 86.0777

Square

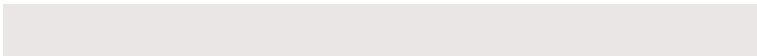
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



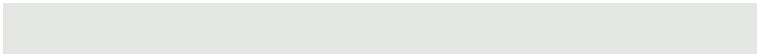
75.1363, 79.4720, 87.7235



75.9508, 79.4720, 87.6826



75.9366, 79.4720, 85.3503



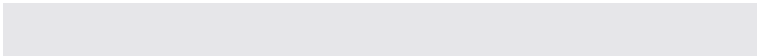
75.1222, 79.4720, 85.3905

Rectangle

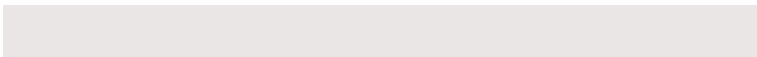
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1363, 79.4720, 87.7235



75.5959, 79.4720, 88.1825



75.9366, 79.4720, 85.3503



75.4756, 79.4720, 84.9012

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.1386, 79.4754, 87.7252



93.9158, 99.1150, 108.7890



74.9862, 79.8619, 85.5438



20.1138, 21.2240, 23.2865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

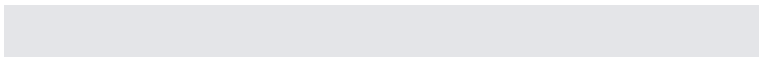
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1386, 79.4754, 87.7252



92.7947, 98.2378, 108.6787



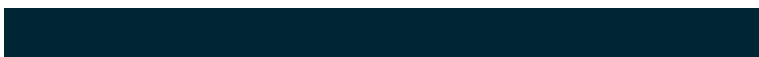
74.5993, 78.3969, 87.5455



15.8577, 16.7816, 18.5477



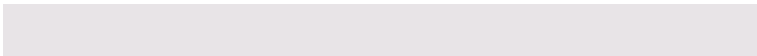
16.6175, 20.2972, 45.4251



1.3002, 1.6444, 3.3808

Inverse Universe

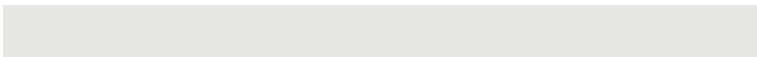
The Inverse Universe completely reimagines the original color for something new.



75.4477, 78.4136, 86.7642



93.2407, 96.7075, 107.2914



75.8408, 79.8730, 84.8197



15.9293, 16.5359, 18.3251



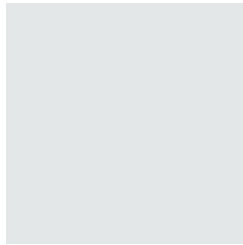
22.7813, 11.2467, 23.5409



1.7199, 0.8457, 1.9317

Previews

White Background



This preview shows how the XYZ color 75.1363, 79.4720, 87.7235 looks on a white background.

Color Contrast Check

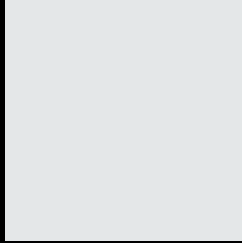
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.1363, 79.4720, 87.7235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

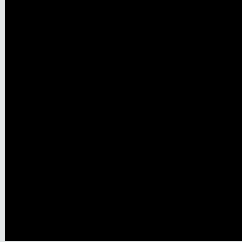
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

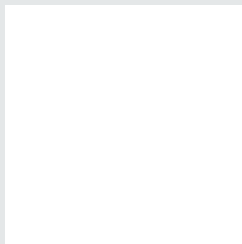
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1363, 79.4720, 87.7235

Background



This preview shows how black text looks on a background with the XYZ color 75.1363, 79.4720, 87.7235.



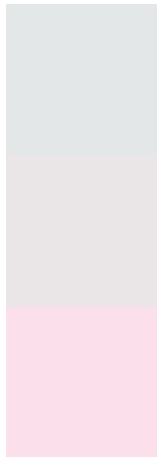
This preview shows how white text looks on a background with the XYZ color 75.1363, 79.4720,

87.7235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.1363, 79.4720, 87.7235

Protanopia

76.3748, 79.3006, 86.8825

Deuteranopia

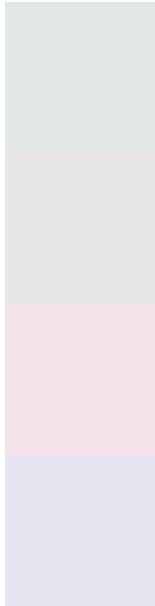
81.0226, 79.2251, 88.8635



Tritanopia

77.4409, 79.5770, 99.2740

Trichromacy



Original Color

75.1363, 79.4720, 87.7235

Protanomaly

75.9993, 79.5190, 86.9444

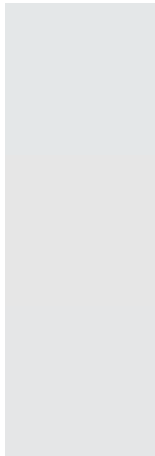
Deuteranomaly

78.8665, 79.3306, 88.2464

Tritanomaly

76.6369, 79.6624, 95.3416

Monochromacy



Original Color

75.1363, 79.4720, 87.7235

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0337, 79.0212, 86.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1363, 79.4720, 87.7235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(228, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.1363, 79.4720, 87.7235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 231, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 231, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 231,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1363, 79.4720, 87.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
231, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor