

Converting Colors

XYZ(75.5670, 79.3390, 87.6326)

Have a look what the booklet for
XYZ(75.5670, 79.3390, 87.6326)
contains.

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Color

**XYZ(75.4954, 79.2428,
87.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6E8
RGB	230, 230, 232
RGB Percent	90%, 90%, 91%
CMY	0.0980, 0.0980, 0.0902
CMYK	0.01, 0.01, 0.00, 0.09
HSL	240°, 4%, 91%
HSV	240°, 1%, 91%
XYZ	75.4954, 79.2428, 87.6603
YIQ	230.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

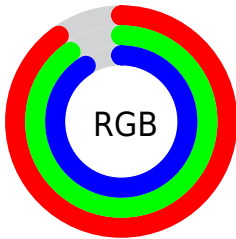
Format	Color
R _Y B	230, 230, 232
Decimal	15132392
CIE Lab	91.34, 0.36, -0.98
CIE LCh	91, 1.045, 290.328
Yxy	79.2428, 0.3115, 0.3269
Android (android.graphics.Color)	4293322472 (0xFFE6E6E8)
YUV	230.2280, 0.8736, -0.2000
Hunter-Lab	89.0184, -4.3987, 3.9275

Details

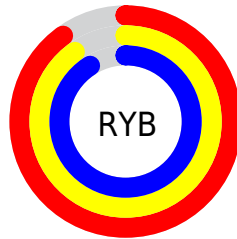
The XYZ color **75.4954, 79.2428, 87.6603** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4183, 80.5812, 86.3900**, and the grayscale version is **75.3786, 79.3041, 86.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8456, 42.9085, 47.2037** is the 20% darker color. If you saturate the color by 10%, you get **62.5193, 63.6169, 85.3293**, and if you desaturate by 10%, it is **90.3227, 97.0979, 90.3264**.

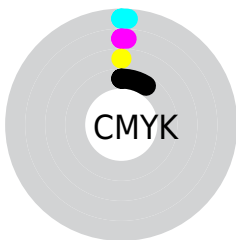
Distribution



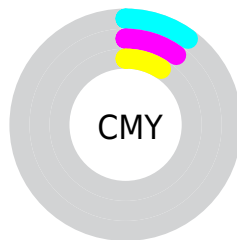
- Red (90%)
- Green (90%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4954, 79.2428, 87.6603 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 75.4954, 79.2428, 87.6603 by changing the saturation by 10% instead.

■ 75.4954, 79.2428,
87.6603

■ 75.4954, 79.2428,
87.6603

468.5896,
492.3773, 540.7626

■ 56.3144, 59.0955,
65.4790

125.9975,
132.3006, 145.9911

■ 40.6931, 42.6900,
47.3958

158.0494,
165.9799, 182.9777

■ 28.2659, 29.6419,
32.9921

195.1223,
204.9386, 225.7366

■ 18.6677, 19.5670,
21.8493

237.5816,
249.5611, 274.6861

■ 11.5330, 12.0807,
13.5490

285.7926,
300.2318, 330.2450

■ 6.4965, 6.7986,
7.6725

340.1207,

■ 3.1927, 3.3365,

357.3352, 392.8316

3.8014

400.9312,
421.2556, 462.8647

■ 1.2565, 1.3098,
1.5170

■ 0.1503, 0.1488,
0.2305

■ 75.4954, 79.2428,
87.6603

■ 75.4954, 79.2428,
87.6603

■ 62.5193, 63.6169,
85.3293

■ 90.3227, 97.0979,
90.3264

■ 51.3153, 50.1231,
83.3153

■ 91.5657, 98.6063,
90.5520

■ 41.8086, 38.6721,
81.6060

■ 33.9165, 29.1643,
80.1868

■ 27.5493, 21.4919,
79.0415

■ 22.6087, 15.5367,
78.1524

■ 18.9847, 11.1666,
77.4999

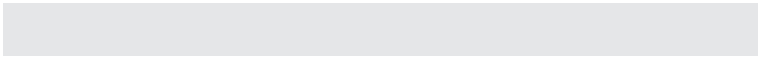
■ 16.5516, 8.2304,
77.0614

■ 15.1590, 6.5474,
76.8099

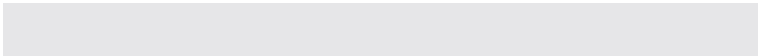
Harmonies

Analogous

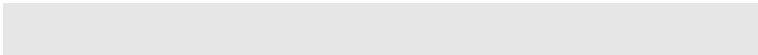
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2322, 79.2428, 87.7313



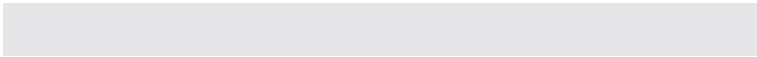
75.4954, 79.2428, 87.6603



75.7116, 79.2428, 87.2187

Triad

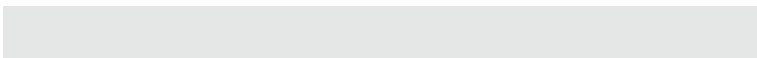
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4954, 79.2428, 87.6603



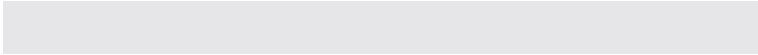
75.6443, 79.2428, 85.1614



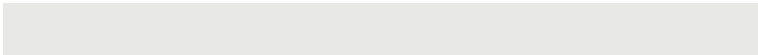
74.8157, 79.2428, 86.0365

Complementary

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



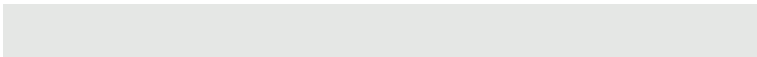
75.4954, 79.2428, 87.6603



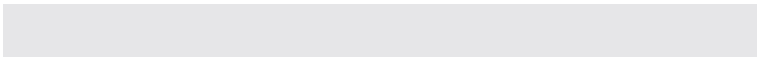
76.4183, 80.5812, 86.3900

Split Complementary

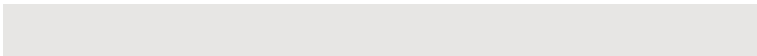
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9256, 79.2428, 85.3519



75.4954, 79.2428, 87.6603



75.4037, 79.2428, 84.8486

Square

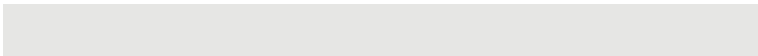
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



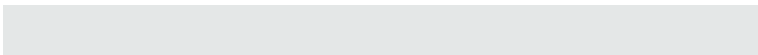
75.4954, 79.2428, 87.6603



75.7977, 79.2428, 85.7750



75.1407, 79.2428, 84.9181



74.8402, 79.2428, 86.7909

Rectangle

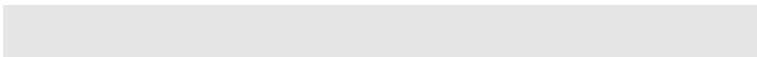
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



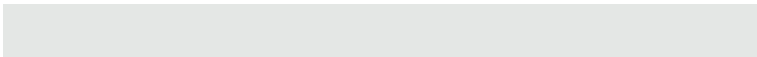
75.4954, 79.2428, 87.6603



75.7997, 79.2428, 86.7751



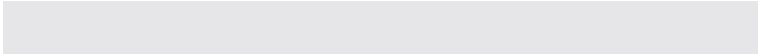
75.1407, 79.2428, 84.9181



74.8382, 79.2428, 85.7907

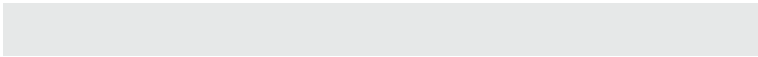
Sweetspot

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



75.4977, 79.2462, 87.6620

95.0500, 100.0000, 108.9000



76.0516, 80.3618, 87.8233



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

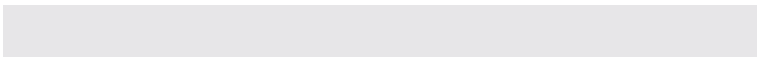
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4977, 79.2462, 87.6620



93.3116, 97.9066, 108.5876



75.8077, 79.4044, 87.6762



15.9408, 16.7285, 18.5331



8.0901, 3.2422, 42.5826



0.5986, 0.2412, 3.1470

Inverse Universe

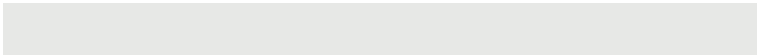
The Inverse Universe completely reimagines the original color for something new.



75.8602, 79.4640, 86.2068



93.8348, 98.2210, 106.4870



76.1065, 80.4221, 86.3758



16.0248, 16.7790, 18.1960



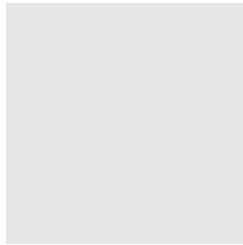
18.4770, 9.5250, 0.8749



1.3658, 0.7040, 0.0668

Previews

White Background



This preview shows how the XYZ color 75.4954, 79.2428, 87.6603 looks on a white background.

Color Contrast Check

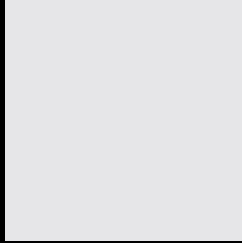
Large Text (above 18pt) WCAG AA × Fail

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 75.4954, 79.2428, 87.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

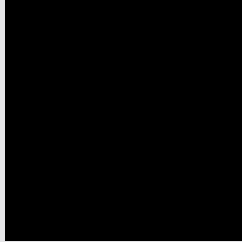
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

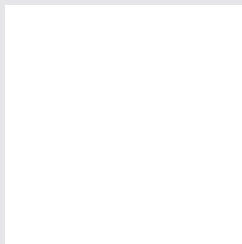
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4954, 79.2428, 87.6603

Background



This preview shows how black text looks on a background with the XYZ color 75.4954, 79.2428, 87.6603.



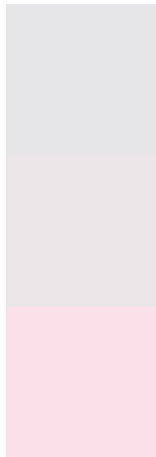
This preview shows how white text looks on a background with the XYZ color 75.4954, 79.2428,

87.6603.

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

75.4954, 79.2428, 87.6603

Protanopia

76.3748, 79.3006, 86.8825

Deuteranopia

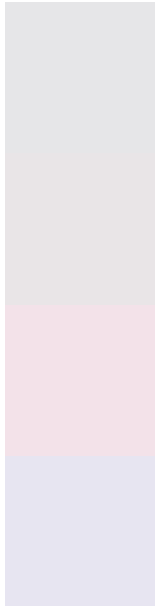
80.8793, 79.1678, 88.1089



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

75.4954, 79.2428, 87.6603

Protanomaly

76.0474, 79.1318, 86.8671

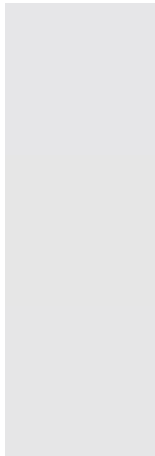
Deuteranomaly

78.8665, 79.3306, 88.2464

Tritanomaly

76.8515, 79.3784, 94.4901

Monochromacy



Original Color

75.4954, 79.2428, 87.6603

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3537, 79.1861, 86.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4954, 79.2428, 87.6603 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(230, 230, 232) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 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(230, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.4954, 79.2428, 87.6603 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(230, 230, 232) }
```

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

```
.border{ border-color:rgb(230, 230, 232) }
```

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

Here you see how a box with a 4 pixel rgb(230, 230, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
232) }
```


Background

The CSS property to change the background color of an element to XYZ 75.4954, 79.2428, 87.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 232) }
```

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

```
.background{ background-color: rgb(230,  
230, 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](#).

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