

Converting Colors

XYZ(75.2112, 79.4083, 85.9780)

Have a look what the booklet for
XYZ(75.2112, 79.4083, 85.9780)
contains.

XYZ(75.4920, 79.6880, 86.2654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(75.4920, 79.6880,
86.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E7E6
RGB	230, 231, 230
RGB Percent	90%, 91%, 90%
CMY	0.0980, 0.0941, 0.0980
CMYK	0.00, 0.00, 0.00, 0.09
HSL	120°, 2%, 90%
HSV	120°, 0%, 91%
XYZ	75.4920, 79.6880, 86.2654
YIQ	230.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

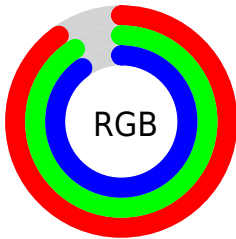
Format	Color
R _Y B	230, 231, 231
Decimal	15132646
CIE Lab	91.54, -0.51, 0.36
CIE LCh	92, 0.622, 144.878
Yxy	79.6880, 0.3127, 0.3300
Android (android.graphics.Color)	4293322726 (0xFFE6E7E6)
YUV	230.5870, -0.2894, -0.5148
Hunter-Lab	89.2681, -5.2659, 5.1920

Details

The XYZ color **75.4920, 79.6880, 86.2654** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6786, 79.3542, 86.9335**, and the grayscale version is **75.6529, 79.5928, 86.6765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7470, 42.8690, 46.6844** is the 20% darker color. If you saturate the color by 10%, you get **65.5324, 74.9062, 69.9730**, and if you desaturate by 10%, it is **86.8685, 85.1550, 104.8713**.

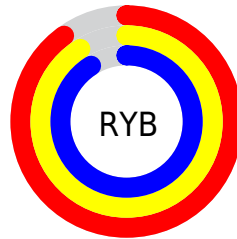
Distribution



Red (90%)

Green (91%)

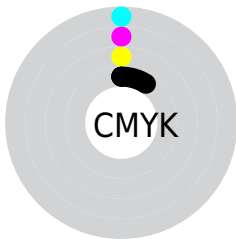
Blue (90%)



Red (90%)

Yellow (91%)

Blue (91%)

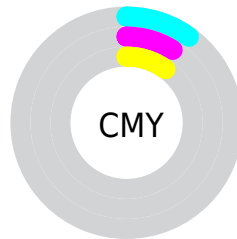


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4920, 79.6880, 86.2654 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 75.4920, 79.6880, 86.2654 by changing the saturation by 10% instead.

■ 75.4920, 79.6880,
86.2654

■ 75.4920, 79.6880,
86.2654

468.5781,
493.8808, 536.0593

■ 56.3116, 59.4616,
64.3313

125.9928,
132.9270, 144.0296

■ 40.6908, 42.9849,
46.4712

158.0439,
166.7084, 180.6968

■ 28.2642, 29.8732,
32.2664

195.1159,
205.7770, 223.1121

■ 18.6664, 19.7424,
21.2986

237.5743,
250.5171, 271.6941

■ 11.5320, 12.2079,
13.1491

285.7844,
301.3131, 326.8613

■ 6.4958, 6.8854,
7.3993

340.1114,

■ 3.1923, 3.3906,

358.5495, 389.0322

3.6309

400.9209,
422.6106, 458.6253

■ 1.2563, 1.3389,
1.4251

■ 0.1501, 0.1710,
0.1612

■ 75.4920, 79.6880,
86.2654

■ 75.4920, 79.6880,
86.2654

■ 65.5324, 74.9062,
69.9730

■ 86.8685, 85.1550,
104.8713

■ 56.9279, 70.7730,
55.8989

■ 87.8674, 85.6349,
106.5058

■ 49.6218, 67.2636,
43.9486

■ 43.5512, 64.3476,
34.0191

■ 38.6479, 61.9922,
25.9988

■ 34.8370, 60.1617,
19.7652

■ 32.0348, 58.8156,
15.1817

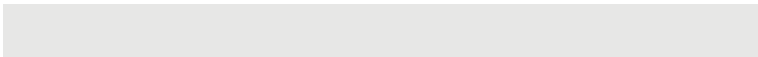
■ 30.1459, 57.9083,
12.0918

■ 29.0563, 57.3849,
10.3093

Harmonies

Analogous

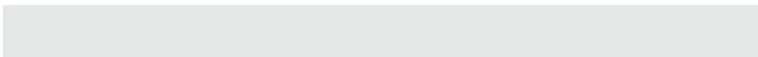
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6129, 79.6880, 85.9771



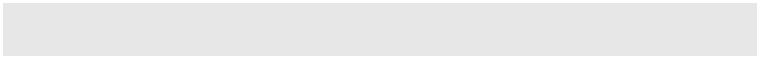
75.4920, 79.6880, 86.2654



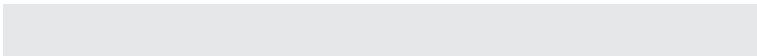
75.4378, 79.6880, 86.6888

Triad

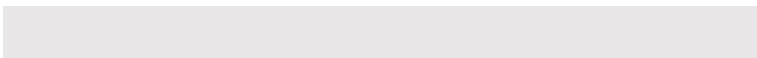
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4920, 79.6880, 86.2654



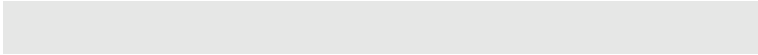
75.7138, 79.6880, 87.6391



76.0179, 79.6880, 86.3999

Complementary

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



75.4920, 79.6880, 86.2654



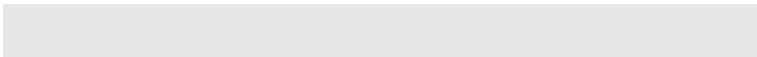
75.6786, 79.3542, 86.9335

Split Complementary

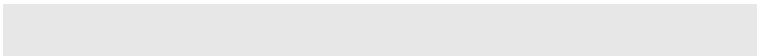
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0451, 79.6880, 86.8446



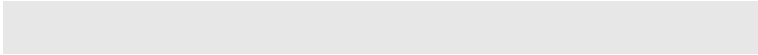
75.4920, 79.6880, 86.2654



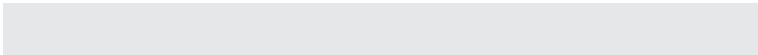
75.8694, 79.6880, 87.5611

Square

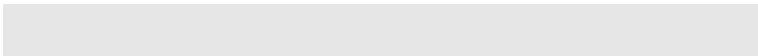
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



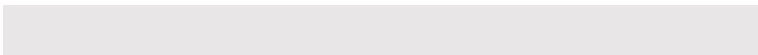
75.4920, 79.6880, 86.2654



75.5658, 79.6880, 87.4827



75.9907, 79.6880, 87.2699



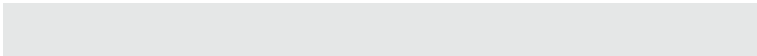
75.9166, 79.6880, 86.0546

Rectangle

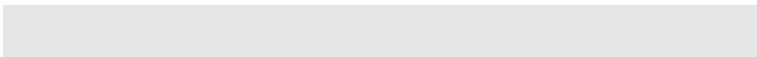
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



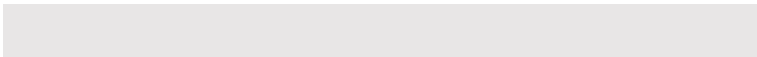
75.4920, 79.6880, 86.2654



75.4468, 79.6880, 86.9910



75.9907, 79.6880, 87.2699



76.0360, 79.6880, 86.5427

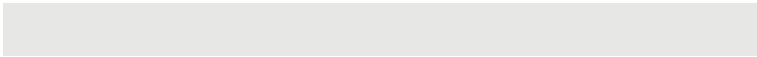
Sweetspot

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



75.4943, 79.6914, 86.2671

95.0500, 100.0000, 108.9000



75.8174, 79.8580, 86.2822



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

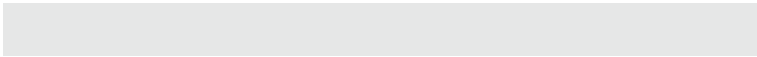
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4943, 79.6914, 86.2671



93.7102, 99.3564, 106.7085



75.5649, 79.7197, 86.6389



16.0048, 16.9612, 18.2315



16.0201, 32.0401, 5.3402



1.1838, 2.3677, 0.3947

Inverse Universe

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



75.6786, 79.3542, 86.9335



94.2419, 98.3838, 108.6306



75.6078, 79.3259, 86.5607



16.0901, 16.8051, 18.5400



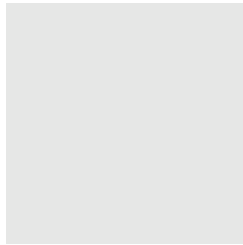
26.5606, 12.7585, 43.4426



1.9627, 0.9428, 3.2103

Previews

White Background



This preview shows how the XYZ color 75.4920, 79.6880, 86.2654 looks on a white background.

Color Contrast Check

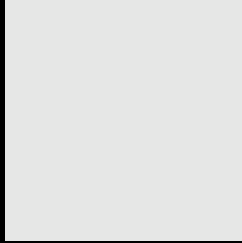
Large Text (above 18pt) WCAG AA × Fail

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 75.4920, 79.6880, 86.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

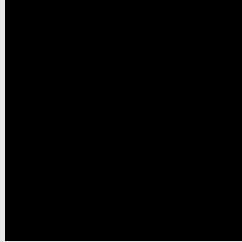
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

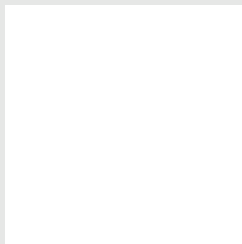
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4920, 79.6880, 86.2654

Background



This preview shows how black text looks on a background with the XYZ color 75.4920, 79.6880, 86.2654.



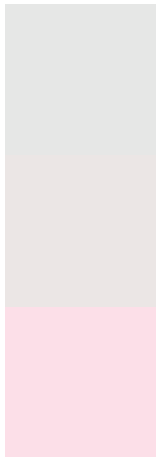
This preview shows how white text looks on a background with the XYZ color 75.4920, 79.6880,

86.2654.

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

75.4920, 79.6880, 86.2654

Protanopia

76.7006, 79.9129, 85.5109

Deuteranopia

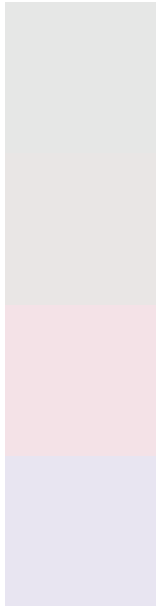
81.0980, 79.2970, 87.3755



Tritanopia

78.1362, 79.5258, 99.2275

Trichromacy



Original Color

75.4920, 79.6880, 86.2654

Protanomaly

76.0439, 79.5744, 85.4802

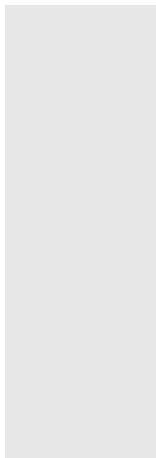
Deuteranomaly

78.9284, 79.3953, 86.7662

Tritanomaly

77.1752, 79.5453, 94.5053

Monochromacy



Original Color

75.4920, 79.6880, 86.2654

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9547, 79.9103, 87.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4920, 79.6880, 86.2654 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, 231, 230) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 230)  
}
```

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, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.4920, 79.6880, 86.2654 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, 231, 230) }
```

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

```
.border{ border-color:rgb(230, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 231, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 231, 230); box-shadow:4px 4px 4px 4px rgb(230, 231, 230) }
```


Background

The CSS property to change the background color of an element to XYZ 75.4920, 79.6880, 86.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 230) }
```

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

```
.background{ background-color: rgb(230,  
231, 230) }
```

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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