

Converting Colors

XYZ(75.7490, 80.2524, 86.6175)

Have a look what the booklet for
XYZ(75.7490, 80.2524, 86.6175)
contains.

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Color

**XYZ(75.7727, 80.2494,
86.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8E6
RGB	230, 232, 230
RGB Percent	90%, 91%, 90%
CMY	0.0980, 0.0902, 0.0980
CMYK	0.01, 0.00, 0.01, 0.09
HSL	120°, 4%, 91%
HSV	120°, 1%, 91%
XYZ	75.7727, 80.2494, 86.3589
YIQ	231.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

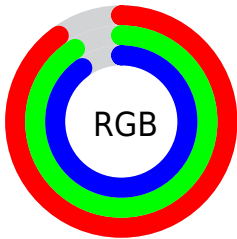
Format	Color
R_{YB}	230, 232, 232
Decimal	15132902
CIE Lab	91.80, -1.02, 0.73
CIE LCh	92, 1.253, 144.622
Yxy	80.2494, 0.3126, 0.3311
Android (android.graphics.Color)	4293322982 (0xFFE6E8E6)
YUV	231.1740, -0.5788, -1.0296
Hunter-Lab	89.5820, -5.7848, 5.5507

Details

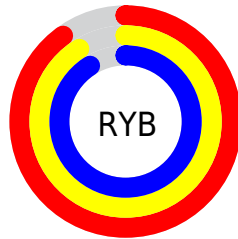
The XYZ color **75.7727, 80.2494, 86.3589** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1440, 79.5777, 87.6948**, and the grayscale version is **76.0916, 80.0543, 87.1791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9424, 43.2598, 46.7495** is the 20% darker color. If you saturate the color by 10%, you get **65.7732, 75.4485, 70.0004**, and if you desaturate by 10%, it is **87.2013, 85.7415, 105.0512**.

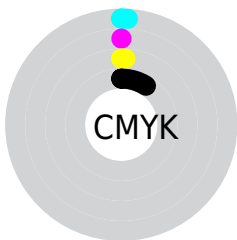
Distribution



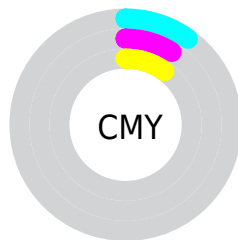
- Red (90%)
- Green (91%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7727, 80.2494, 86.3589 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 75.7727, 80.2494, 86.3589 by changing the saturation by 10% instead.

■ 75.7727, 80.2494,
86.3589

■ 75.7727, 80.2494,
86.3589

469.5256,
495.7729, 536.3753

■ 56.5425, 59.9236,
64.4082

126.3876,
133.7163, 144.1612

■ 40.8768, 43.3571,
46.5331

158.5031,
167.6262, 180.8499

■ 28.4101, 30.1654,
32.3150

195.6444,
206.8330, 223.2883

■ 18.7770, 19.9641,
21.3354

238.1769,
251.7209, 271.8950

■ 11.6123, 12.3690,
13.1758

286.4659,
302.6745, 327.0885

■ 6.5506, 6.9955,
7.4175

340.8768,

■ 3.2265, 3.4593,

360.0781, 389.2873

3.6422

401.7749,
424.3161, 458.9101

■ 1.2746, 1.3760,
1.4312

■ 0.1641, 0.1989,
0.1659

■ 75.7727, 80.2494,
86.3589

■ 75.7727, 80.2494,
86.3589

■ 65.7732, 75.4485,
70.0004

■ 87.2013, 85.7415,
105.0512

■ 57.1401, 71.3016,
55.8791

■ 88.1482, 86.1963,
106.5994

■ 49.8163, 67.7836,
43.8994

■ 43.7378, 64.8638,
33.9567

■ 38.8353, 62.5089,
25.9378

■ 35.0329, 60.6824,
19.7184

■ 32.2457, 59.3436,
15.1596

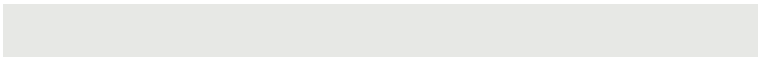
■ 30.3765, 58.4457,
12.1023

■ 29.3090, 57.9329,
10.3565

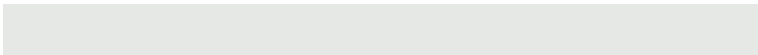
Harmonies

Analogous

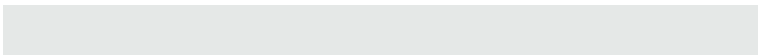
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0179, 80.2494, 85.7814



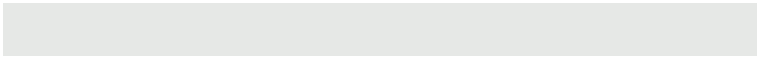
75.7727, 80.2494, 86.3589



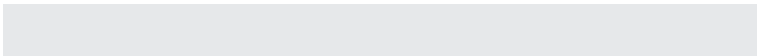
75.6620, 80.2494, 87.2124

Triad

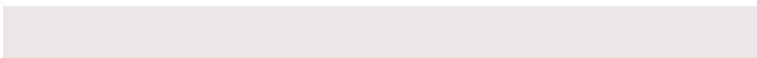
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7727, 80.2494, 86.3589



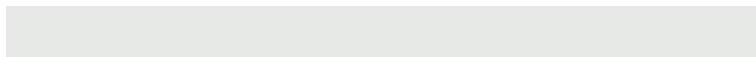
76.2168, 80.2494, 89.1490



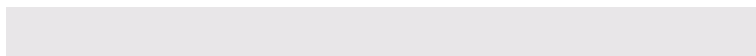
76.8369, 80.2494, 86.6439

Complementary

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



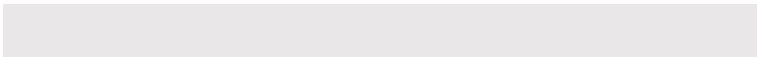
75.7727, 80.2494, 86.3589



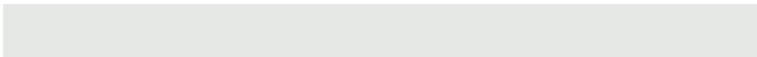
76.1440, 79.5777, 87.6948

Split Complementary

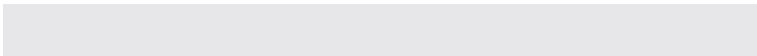
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8906, 80.2494, 87.5437



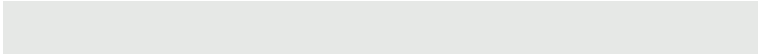
75.7727, 80.2494, 86.3589



76.5320, 80.2494, 88.9941

Square

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



75.7727, 80.2494, 86.3589



75.9180, 80.2494, 88.8266



76.7788, 80.2494, 88.4050



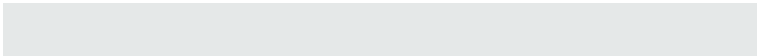
76.6324, 80.2494, 85.9452

Rectangle

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



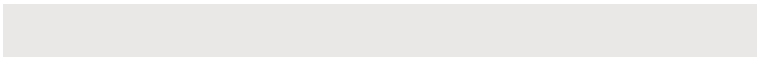
75.7727, 80.2494, 86.3589



75.6792, 80.2494, 87.8248



76.7788, 80.2494, 88.4050



76.8732, 80.2494, 86.9327

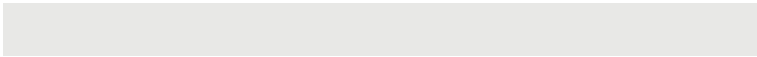
Sweetspot

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



75.7750, 80.2528, 86.3606

95.0500, 100.0000, 108.9000



76.4124, 80.5675, 86.3878



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

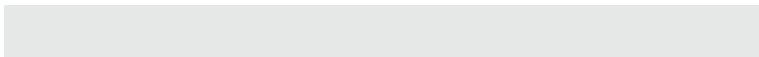
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7750, 80.2528, 86.3606



93.7102, 99.3564, 106.7084



75.9114, 80.3074, 87.0791



16.0048, 16.9612, 18.2315



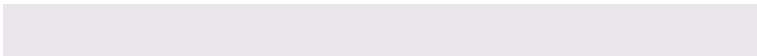
16.0202, 32.0402, 5.3400



1.1839, 2.3677, 0.3946

Inverse Universe

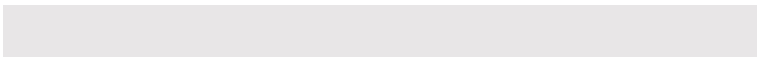
The Inverse Universe completely reimagines the original color for something new.



76.1440, 79.5777, 87.6948



94.2419, 98.3838, 108.6306



76.0068, 79.5228, 86.9721



16.0901, 16.8051, 18.5400



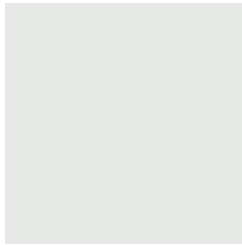
26.5595, 12.7578, 43.4458



1.9627, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 75.7727, 80.2494, 86.3589 looks on a white background.

Color Contrast Check

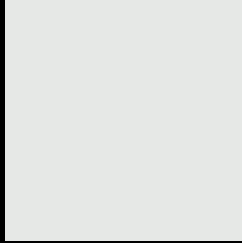
Large Text (above 18pt) WCAG AA × Fail

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 75.7727, 80.2494, 86.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

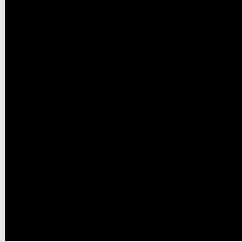
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

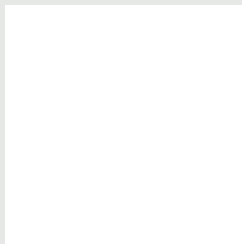
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7727, 80.2494, 86.3589

Background



This preview shows how black text looks on a background with the XYZ color 75.7727, 80.2494, 86.3589.



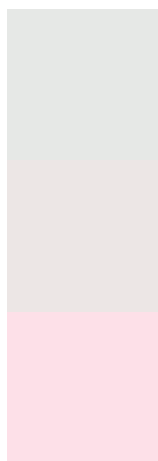
This preview shows how white text looks on a background with the XYZ color 75.7727, 80.2494,

86.3589.

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

75.7727, 80.2494, 86.3589

Protanopia

77.0317, 80.0836, 85.5264

Deuteranopia

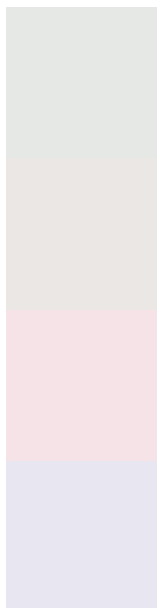
81.7292, 80.0202, 87.4818



Tritanopia

78.4121, 80.0777, 99.3195

Trichromacy



Original Color

75.7727, 80.2494, 86.3589

Protanomaly

76.6505, 80.3014, 85.5885

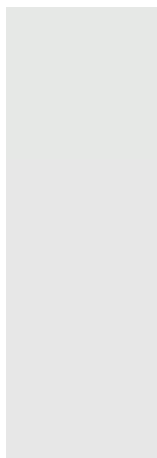
Deuteranomaly

79.5491, 80.1202, 86.8734

Tritanomaly

77.4527, 80.1003, 94.5978

Monochromacy



Original Color

75.7727, 80.2494, 86.3589

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 75.7727, 80.2494, 86.3589 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, 232, 230) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 75.7727, 80.2494, 86.3589 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, 232, 230) }
```

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

```
.border{ border-color:rgb(230, 232, 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, 232, 230) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 75.7727, 80.2494, 86.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(230,  
232, 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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