

Converting Colors

XYZ(75.5892, 80.8418, 83.2363)

Have a look what the booklet for
XYZ(75.5892, 80.8418, 83.2363)
contains.

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Color

**XYZ(75.4995, 80.5918,
83.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E9E2
RGB	230, 233, 226
RGB Percent	90%, 91%, 89%
CMY	0.0980, 0.0863, 0.1137
CMYK	0.01, 0.00, 0.03, 0.09
HSL	86°, 14%, 90%
HSV	86°, 3%, 91%
XYZ	75.4995, 80.5918, 83.5280
YIQ	231.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 233, 229
Decimal	15133154
CIE Lab	91.95, -2.24, 3.03
CIE LCh	92, 3.771, 126.423
Yxy	80.5918, 0.3151, 0.3363
Android (android.graphics.Color)	4293323234 (0xFFE6E9E2)
YUV	231.3050, -2.6154, -1.1445
Hunter-Lab	89.7729, -6.9832, 7.6755

Details

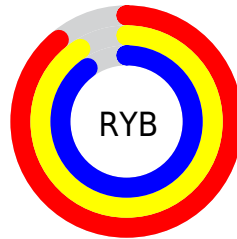
The XYZ color **75.4995, 80.5918, 83.5280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.2205, 76.9361, 88.0333**, and the grayscale version is **76.2033, 80.1719, 87.3071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7520, 43.4985, 44.7763** is the 20% darker color. If you saturate the color by 10%, you get **69.4018, 77.7953, 67.6715**, and if you desaturate by 10%, it is **82.2202, 83.6639, 101.6851**.

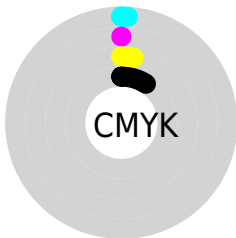
Distribution



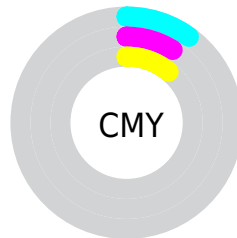
- Red (90%)
- Green (91%)
- Blue (89%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4995, 80.5918, 83.5280 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 75.4995, 80.5918, 83.5280 by changing the saturation by 10% instead.

■ 75.4995, 80.5918,
83.5280

■ 75.4995, 80.5918,
83.5280

468.6034,
496.9250, 526.7615

■ 56.3178, 60.2055,
62.0827

126.0033,
134.1975, 140.1706

■ 40.6958, 43.5843,
44.6633

158.0561,
168.1856, 176.2049

■ 28.2681, 30.3438,
30.8513

195.1301,
207.4764, 217.9393

■ 18.6693, 20.0997,
20.2281

237.5904,
252.4543, 265.7923

■ 11.5342, 12.4675,
12.3752

285.8026,
303.5037, 320.1825

■ 6.4973, 7.0629,
6.8741

340.1319,

■ 3.1932, 3.5015,

361.0091, 381.5285

3.3063

400.9437,
425.3547, 450.2486

■ 1.2568, 1.3988,
1.2531

■ 0.1505, 0.2158,
0.0229

■ 75.4995, 80.5918,
83.5280

■ 75.4995, 80.5918,
83.5280

■ 69.4018, 77.7953,
67.6715

■ 82.2202, 83.6639,
101.6851

■ 63.8999, 75.2555,
54.0184

■ 86.6111, 85.8230,
106.6083

■ 58.9743, 72.9667,
42.4726

■ 88.4305, 86.7610,
106.6935

■ 54.6018, 70.9193,
32.9287

■ 50.7574, 69.1029,
25.2722

■ 47.4138, 67.5062,
19.3771

■ 44.5406, 66.1167,
15.1019

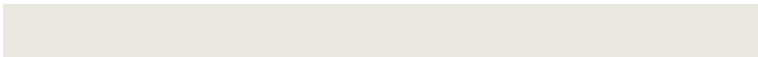
■ 42.1033, 64.9201,
12.2835

■ 40.0607, 63.8995,
10.7243

Harmonies

Analogous

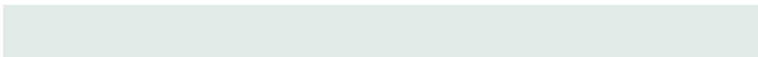
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3919, 80.5918, 82.5559



75.4995, 80.5918, 83.5280



74.9056, 80.5918, 85.6343

Triad

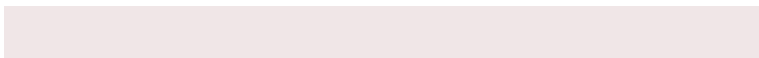
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4995, 80.5918, 83.5280



75.8575, 80.5918, 92.7312



78.4660, 80.5918, 87.1554

Complementary

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



75.4995, 80.5918, 83.5280



74.2205, 76.9361, 88.0333

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.



78.3199, 80.5918, 89.9018



75.4995, 80.5918, 83.5280



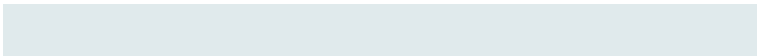
76.8086, 80.5918, 93.1591

Square

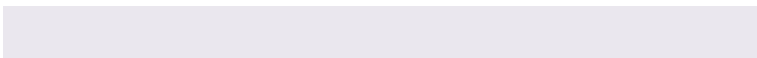
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



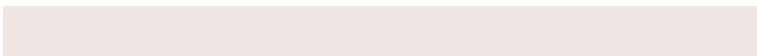
75.4995, 80.5918, 83.5280



75.1111, 80.5918, 90.9562



77.7113, 80.5918, 92.1135



78.1087, 80.5918, 84.6215

Rectangle

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



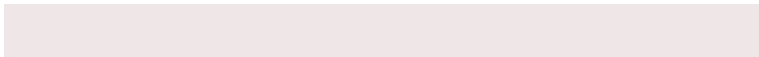
75.4995, 80.5918, 83.5280



74.7561, 80.5918, 87.4183



77.7113, 80.5918, 92.1135



78.4742, 80.5918, 88.0840

Sweetspot

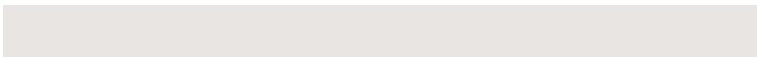
The Sweet Spot groups the original color and five complimentary colors.



75.5018, 80.5953, 83.5298



94.2409, 99.6300, 106.7333



75.3309, 78.8100, 83.1942



20.1800, 21.3288, 22.8681



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.



75.5018, 80.5953, 83.5298



91.8596, 98.5400, 100.4048



74.4161, 80.0356, 83.4789



16.3315, 17.5801, 17.6974



22.1729, 35.9750, 5.7752



1.8509, 2.8815, 0.4586

Inverse Universe

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



74.2205, 76.9361, 88.0333



89.7713, 92.5758, 107.7452



75.3214, 77.5036, 88.0848



15.8936, 16.3296, 19.2365



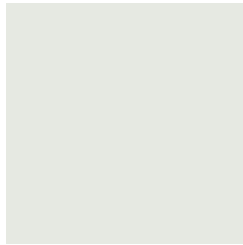
11.4594, 4.9435, 44.0932



1.0080, 0.4439, 3.4674

Previews

White Background



This preview shows how the XYZ color 75.4995, 80.5918, 83.5280 looks on a white background.

Color Contrast Check

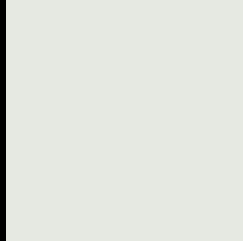
Large Text (above 18pt) WCAG AA × Fail

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 75.4995, 80.5918, 83.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

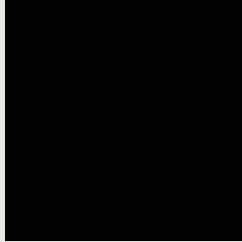
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

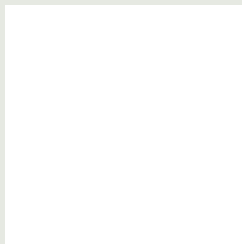
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4995, 80.5918, 83.5280

Background



This preview shows how black text looks on a background with the XYZ color 75.4995, 80.5918, 83.5280.



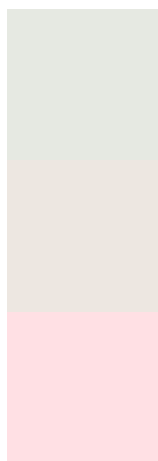
This preview shows how white text looks on a background with the XYZ color 75.4995, 80.5918,

83.5280.

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

75.4995, 80.5918, 83.5280

Protanopia

77.0916, 80.5926, 82.7269

Deuteranopia

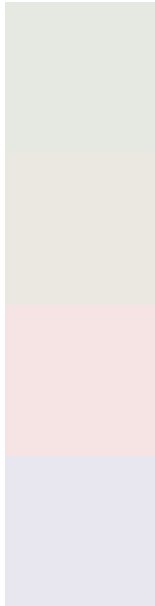
81.8992, 80.1727, 84.5571



Tritanopia

78.8444, 80.6946, 100.2270

Trichromacy



Original Color

75.4995, 80.5918, 83.5280

Protanomaly

76.3789, 80.6419, 82.7740

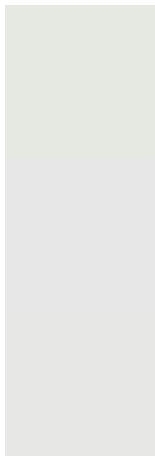
Deuteranomaly

79.3402, 80.0771, 83.9478

Tritanomaly

77.5828, 80.5989, 93.9062

Monochromacy



Original Color

75.4995, 80.5918, 83.5280

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9545, 80.3593, 85.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4995, 80.5918, 83.5280 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, 233, 226) looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 226)  
}
```

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, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 226) }
```

Border

The CSS property to change the border of an element to XYZ 75.4995, 80.5918, 83.5280 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, 233, 226) }
```


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

```
.border{ border-color:rgb(230, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4995, 80.5918, 83.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 226) }
```

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

```
.background{ background-color: rgb(230,  
233, 226) }
```

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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