

Converting Colors

XYZ(75.4339, 80.7044, 80.8625)

Have a look what the booklet for
XYZ(75.4339, 80.7044, 80.8625)
contains.

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Color

**XYZ(75.2787, 80.5407,
80.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E9DE
RGB	231, 233, 222
RGB Percent	91%, 91%, 87%
CMY	0.0941, 0.0863, 0.1294
CMYK	0.01, 0.00, 0.05, 0.09
HSL	71°, 20%, 89%
HSV	71°, 5%, 91%
XYZ	75.2787, 80.5407, 80.6855
YIQ	231.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

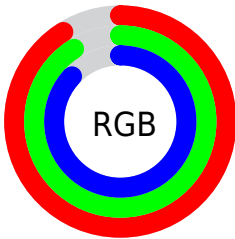
Format	Color
R _Y B	222, 233, 224
Decimal	15198686
CIE Lab	91.93, -2.59, 5.10
CIE LCh	92, 5.718, 116.965
Yxy	80.5407, 0.3183, 0.3405
Android (android.graphics.Color)	4293388766 (0xFFE7E9DE)
YUV	231.1480, -4.5100, -0.1298
Hunter-Lab	89.7445, -7.3250, 9.5160

Details

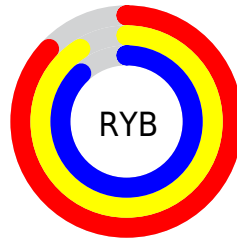
The XYZ color **75.2787, 80.5407, 80.6855** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.5729, 73.9752, 87.6014**, and the grayscale version is **76.0990, 80.0621, 87.1876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3764, 43.3483, 42.7982** is the 20% darker color. If you saturate the color by 10%, you get **71.0165, 78.6821, 65.2952**, and if you desaturate by 10%, it is **80.0103, 82.5961, 98.3539**.

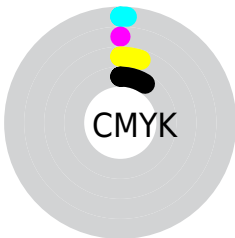
Distribution



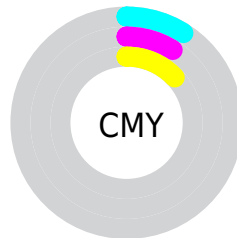
- Red (91%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2787, 80.5407, 80.6855 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 75.2787, 80.5407, 80.6855 by changing the saturation by 10% instead.

■ 75.2787, 80.5407,
80.6855

■ 75.2787, 80.5407,
80.6855

467.8574,
496.7532, 517.0076

■ 56.1362, 60.1634,
59.7531

125.6926,
134.1257, 136.1492

■ 40.5496, 43.5503,
42.7957

157.6947,
168.1021, 171.5176

■ 28.1534, 30.3172,
29.3946

194.7141,
207.3804, 212.5350

■ 18.5824, 20.0795,
19.1314

237.1161,
252.3449, 259.6201

■ 11.4711, 12.4528,
11.5875

285.2661,
303.3800, 313.1914

■ 6.4543, 7.0528,
6.3443

339.5294,

■ 3.1665, 3.4952,

360.8702, 373.6674

2.9834

400.2714,
425.1998, 441.4666

■ 1.2424, 1.3954,
1.0862

■ 0.1395, 0.2133,
0.0000

■ 75.2787, 80.5407,
80.6855

■ 75.2787, 80.5407,
80.6855

■ 71.0165, 78.6821,
65.2952

■ 80.0103, 82.5961,
98.3539

■ 67.1992, 77.0026,
52.0852

■ 82.9528, 83.9372,
106.4372

■ 63.8098, 75.4981,
40.9581

■ 84.4067, 84.6867,
106.5052

■ 60.8280, 74.1604,
31.8074

■ 85.8945, 85.4537,
106.5748

■ 58.2315, 72.9805,
24.5169

■ 87.4164, 86.2382,
106.6460

■ 55.9956, 71.9485,
18.9584

■ 88.4305, 86.7610,
106.6935

■ 54.0927, 71.0535,
14.9875

■ 52.4907, 70.2824,
12.4363

■ 51.1504, 69.6197,
11.0994

Harmonies

Analogous

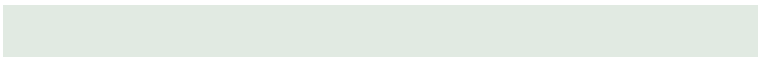
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7011, 80.5407, 79.8676



75.2787, 80.5407, 80.6855



74.2094, 80.5407, 83.3615

Triad

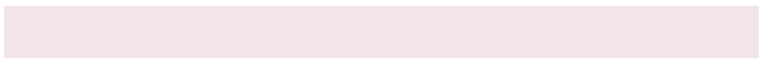
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2787, 80.5407, 80.6855



75.0230, 80.5407, 94.6483



79.4050, 80.5407, 88.1239

Complementary

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



75.2787, 80.5407, 80.6855



71.5729, 73.9752, 87.6014

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.



78.9424, 80.5407, 92.1764



75.2787, 80.5407, 80.6855



76.4022, 80.5407, 96.0180

Square

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



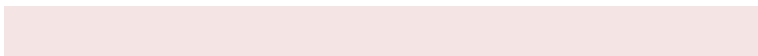
75.2787, 80.5407, 80.6855



74.0631, 80.5407, 91.4121



77.8386, 80.5407, 95.0994



79.0950, 80.5407, 84.0803

Rectangle

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



75.2787, 80.5407, 80.6855



73.8343, 80.5407, 85.8844



77.8386, 80.5407, 95.0994



79.3345, 80.5407, 89.5311

Sweetspot

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



75.2809, 80.5442, 80.6872



94.4714, 99.7488, 106.7441



73.4027, 75.8216, 79.8747



20.2269, 21.3530, 22.8703



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.



75.2809, 80.5442, 80.6872



91.6657, 98.5287, 96.3912



73.5861, 79.6705, 80.6079



16.3379, 17.5983, 17.0288



28.7594, 39.3705, 6.0835



2.3283, 3.1276, 0.4810

Inverse Universe

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



71.5729, 73.9752, 87.6014



85.9072, 88.3272, 107.1288



73.2515, 74.8406, 87.6800



15.2101, 15.6003, 19.1318



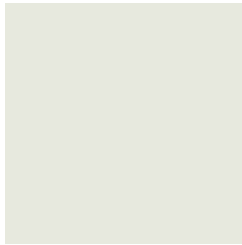
8.9722, 3.6613, 43.9768



0.7774, 0.3251, 3.4566

Previews

White Background



This preview shows how the XYZ color 75.2787, 80.5407, 80.6855 looks on a white background.

Color Contrast Check

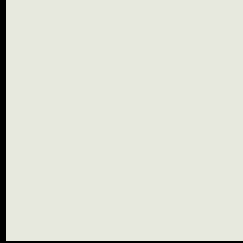
Large Text (above 18pt) WCAG AA × Fail

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 75.2787, 80.5407, 80.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

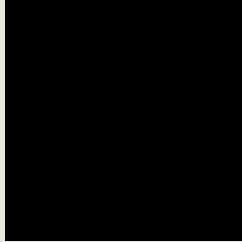
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

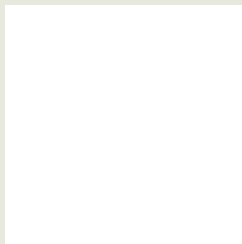
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2787, 80.5407, 80.6855

Background



This preview shows how black text looks on a background with the XYZ color 75.2787, 80.5407, 80.6855.



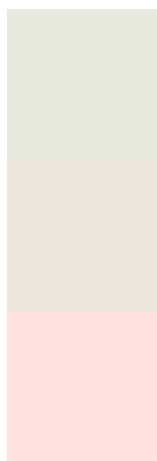
This preview shows how white text looks on a background with the XYZ color 75.2787, 80.5407,

80.6855.

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

75.2787, 80.5407, 80.6855

Protanopia

76.8870, 80.5494, 79.9018

Deuteranopia

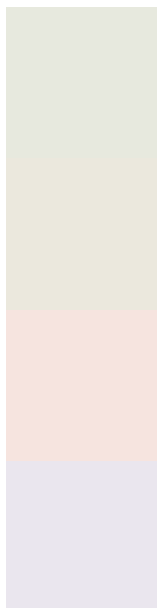
81.6198, 80.4922, 81.7557



Tritanopia

79.0688, 80.4162, 99.3502

Trichromacy



Original Color

75.2787, 80.5407, 80.6855

Protanomaly

76.1687, 80.5959, 79.9486

Deuteranomaly

79.0687, 80.4073, 81.1648

Tritanomaly

77.6611, 80.2591, 92.2873

Monochromacy



Original Color

75.2787, 80.5407, 80.6855

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8152, 80.3036, 84.9030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2787, 80.5407, 80.6855 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(231, 233, 222) looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 222)  
}
```

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(231, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.2787, 80.5407, 80.6855 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(231, 233, 222) }
```


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

```
.border{ border-color:rgb(231, 233, 222) }
```

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

Here you see how a box with a 4 pixel rgb(231, 233, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2787, 80.5407, 80.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 222) }
```

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

```
.background{ background-color: rgb(231,  
233, 222) }
```

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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