

Converting Colors

XYZ(77.9790, 86.3302, 63.4770)

Have a look what the booklet for
XYZ(77.9790, 86.3302, 63.4770)
contains.

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Color

**XYZ(77.7654, 86.1001,
63.5592)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2C2
RGB	241, 242, 194
RGB Percent	95%, 95%, 76%
CMY	0.0549, 0.0510, 0.2392
CMYK	0.00, 0.00, 0.20, 0.05
HSL	61°, 65%, 85%
HSV	61°, 20%, 95%
XYZ	77.7654, 86.1001, 63.5592
YIQ	236.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

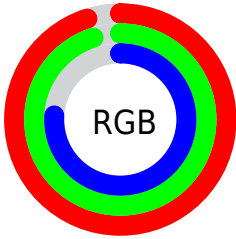
Format	Color
RYB	194, 242, 195
Decimal	15856322
CIELab	94.36, -8.02, 23.12
CIElCh	94, 24.471, 109.133
Yxy	86.1001, 0.3419, 0.3786
Android (android.graphics.Color)	4294046402 (0xFFFF1F2C2)
YUV	236.2290, -20.8189, 4.1842
Hunter-Lab	92.7901, -12.7858, 24.3408

Details

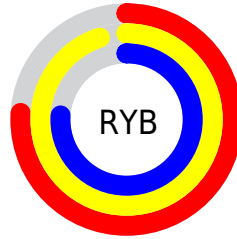
The XYZ color **77.7654, 86.1001, 63.5592** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.8277, 56.5987, 91.8860**, and the grayscale version is **80.0528, 84.2217, 91.7175**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **42.3001, 47.3255, 31.7162** is the 20% darker color. If you saturate the color by 10%, you get **75.0940, 85.0145, 50.3833**, and if you desaturate by 10%, it is **80.8845, 87.3707, 79.0699**.

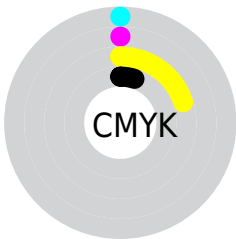
Distribution



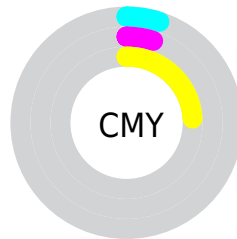
- Red (95%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7654, 86.1001, 63.5592 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 77.7654, 86.1001, 63.5592 by changing the saturation by 10% instead.

77.7654, 86.1001,
63.5592

77.7654, 86.1001,
63.5592

476.2217,
515.2612, 455.7598

58.1834, 64.7508,
45.8498

129.1865,
141.9092, 111.5692

42.1999, 47.2590,
31.7795

161.7563,
177.1377, 142.7070

29.4497, 33.2405,
20.9297

199.3860,
217.7614, 179.1579

19.5672, 22.3107,
12.8819

242.4411,
264.1646, 221.3406

12.1873, 14.0854,
7.2175

291.2868,
316.7318, 269.6736

6.9445, 8.1801,
3.5180


346.2886,


3.4734, 4.2104,


375.8474, 324.5755


1.3648


407.8118,
441.8957, 386.4647


 1.4088, 1.7919,
0.1141


 0.2625, 0.4821,
0.0000


 77.7654, 86.1001,
63.5592


 77.7654, 86.1001,
63.5592


 75.0940, 85.0145,
50.3833


 80.8845, 87.3707,
79.0699


 72.8420, 84.0938,
39.4241


 84.4645, 88.8227,
97.0150


 70.9887, 83.3326,
30.5614


 86.6011, 89.6975,
107.3567


 69.5086, 82.7208,
23.6613


 86.7758, 89.7876,
107.3649


 68.3733, 82.2469,
18.5747


 86.9510, 89.8779,
107.3731


 67.5505, 81.8981,
15.1311


 87.1266, 89.9684,
107.3813


 67.0016, 81.6589,
13.1275

 87.3028, 90.0593,
107.3896

 66.6632, 81.5040,
12.2297

 87.4794, 90.1503,
107.3978

 66.6582, 81.5017,
12.2181

 87.6566, 90.2416,
107.4061

Harmonies

Analogous

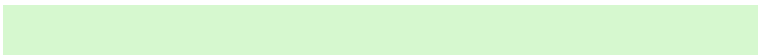
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2399, 86.1001, 62.5235



77.7654, 86.1001, 63.5592



72.6512, 86.1001, 72.0169

Triad

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



77.7654, 86.1001, 63.5592



73.8467, 86.1001, 123.8488



94.8762, 86.1001, 100.7346

Complementary

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



77.7654, 86.1001, 63.5592



57.8277, 56.5987, 91.8860

Split Complementary

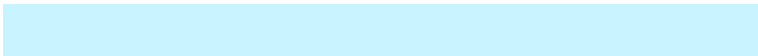
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7631, 86.1001, 119.4631



77.7654, 86.1001, 63.5592



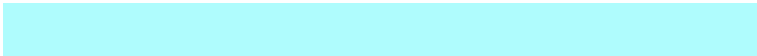
79.4774, 86.1001, 133.9466

Square

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



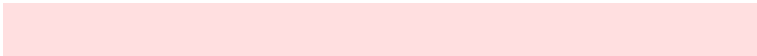
77.7654, 86.1001, 63.5592



70.4738, 86.1001, 106.1106



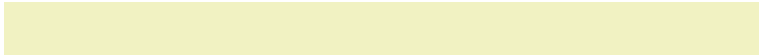
86.0453, 86.1001, 132.2421



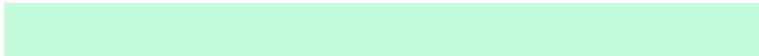
94.3572, 86.1001, 82.3857

Rectangle

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



77.7654, 86.1001, 63.5592



70.5922, 86.1001, 81.4452



86.0453, 86.1001, 132.2421



94.2135, 86.1001, 107.2320

Sweetspot

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



77.7677, 86.1039, 63.5610



92.5658, 98.9927, 96.4334



65.8287, 61.7150, 59.4828



19.7575, 21.1660, 20.3634



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.



77.7677, 86.1039, 63.5610



86.2452, 96.4238, 64.9873



70.1677, 82.1860, 63.2054



17.0883, 18.4412, 16.8086



35.8229, 43.7889, 6.5640



2.9905, 3.6482, 0.5466

Inverse Universe

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



57.8277, 56.5987, 91.8860



59.8241, 57.3276, 102.5200



64.4747, 60.0253, 92.1971



14.9279, 15.2445, 19.8773



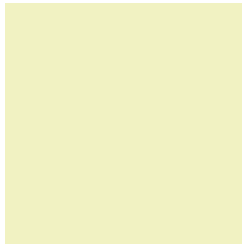
8.6580, 3.4688, 45.3411



0.7310, 0.2941, 3.7725

Previews

White Background



This preview shows how the XYZ color 77.7654, 86.1001, 63.5592 looks on a white background.

Color Contrast Check

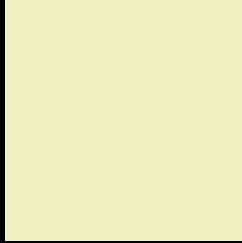
Large Text (above 18pt) WCAG AA × Fail

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 77.7654, 86.1001, 63.5592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

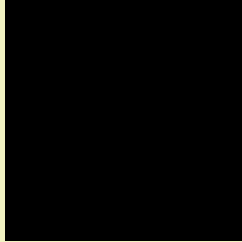
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

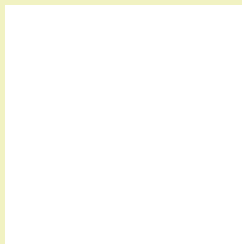
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7654, 86.1001, 63.5592

Background



This preview shows how black text looks on a background with the XYZ color 77.7654, 86.1001, 63.5592.

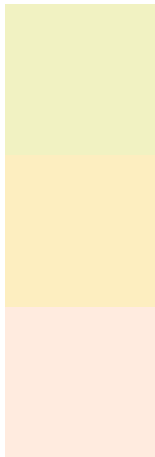


This preview shows how white text looks on a background with the XYZ color 77.7654, 86.1001,

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

77.7654, 86.1001, 63.5592

Protanopia

80.5970, 85.8375, 62.1895

Deuteranopia

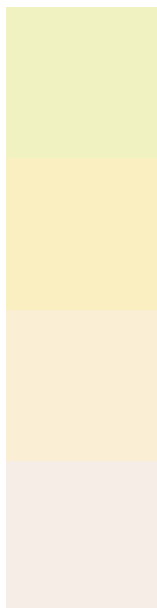
84.2676, 86.0044, 81.9712



Tritanopia

86.0604, 86.0136, 104.1619

Trichromacy



Original Color

77.7654, 86.1001, 63.5592

Protanomaly

79.5591, 85.7230, 62.8051

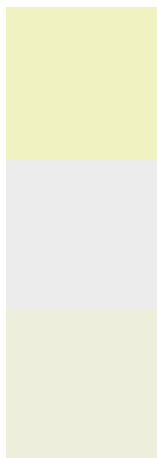
Deuteranomaly

81.8825, 86.2265, 74.6151

Tritanomaly

82.7140, 85.9307, 87.8281

Monochromacy



Original Color

77.7654, 86.1001, 63.5592

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.8856, 84.5467, 80.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7654, 86.1001, 63.5592 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(241, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 194)  
}
```

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(241, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 194) }
```

Border

The CSS property to change the border of an element to XYZ 77.7654, 86.1001, 63.5592 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(241, 242, 194) }
```


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

```
.border{ border-color:rgb(241, 242, 194) }
```

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

Here you see how a box with a 4 pixel rgb(241, 242, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7654, 86.1001, 63.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 194) }
```

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

```
.background{ background-color: rgb(241,  
242, 194) }
```

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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