

Converting Colors

XYZ(71.2002, 81.4896, 58.9901)

Have a look what the booklet for
XYZ(71.2002, 81.4896, 58.9901)
contains.

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Color

**XYZ(71.2002, 81.4896,
58.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EFBB
RGB	226, 239, 187
RGB Percent	89%, 94%, 73%
CMY	0.1137, 0.0627, 0.2667
CMYK	0.05, 0.00, 0.22, 0.06
HSL	75°, 62%, 84%
HSV	75°, 22%, 94%
XYZ	71.2002, 81.4896, 58.9901
YIQ	229.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

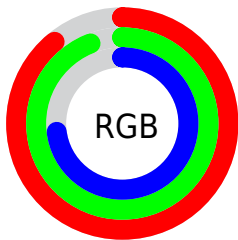
Format	Color
RYB	187, 239, 200
Decimal	14872507
CIELab	92.35, -12.92, 23.77
CIElCh	92, 27.052, 118.535
Yxy	81.4896, 0.3364, 0.3850
Android (android.graphics.Color)	4293062587 (0xFFE2EFBB)
YUV	229.1850, -20.7972, -2.7932
Hunter-Lab	90.2716, -17.1864, 24.4457

Details

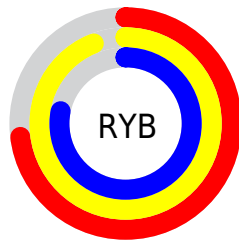
The XYZ color **71.2002, 81.4896, 58.9901** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.1729, 54.0542, 89.0859**, and the grayscale version is **74.7579, 78.6511, 85.6511**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **37.8141, 44.1343, 29.0800** is the 20% darker color. If you saturate the color by 10%, you get **67.0106, 79.6037, 46.5312**, and if you desaturate by 10%, it is **75.8853, 83.5867, 73.6983**.

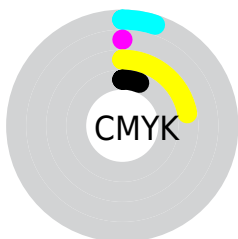
Distribution



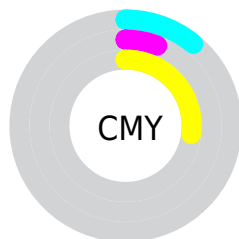
- Red (89%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2002, 81.4896, 58.9901 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 71.2002, 81.4896, 58.9901 by changing the saturation by 10% instead.

71.2002, 81.4896,
58.9901

71.2002, 81.4896,
58.9901

453.9539,
499.9388, 438.5661

52.7887, 60.9449,
42.1852

119.9357,
135.4580, 104.8923

37.8609, 44.1807,
28.9197

150.9904,
169.6505, 134.8266

26.0515, 30.8126,
18.7750

186.9903,
209.1611, 169.9745

16.9950, 20.4562,
11.3327

228.3006,
254.3742, 210.7544

10.3262, 12.7271,
6.1741

275.2868,
305.6741, 257.5850

5.6797, 7.2409,
2.8807

328.3142,

2.6901, 3.6132,

363.4452, 310.8848

1.0341

387.7481,
428.0720, 371.0723

0.9921, 1.4596,
0.0000

0.0000, 0.2601,
0.0000

71.2002, 81.4896,
58.9901

71.2002, 81.4896,
58.9901

67.0106, 79.6037,
46.5312

75.8853, 83.5867,
73.6983

63.2883, 77.9095,
36.2055

81.0799, 85.8925,
90.7538

60.0121, 76.4011,
27.8943

86.2027, 88.1772,
107.0843

57.1561, 75.0681,
21.4653

88.3098, 89.2635,
107.1829

■ 54.6915, 73.8989,
16.7704

■ 90.1582, 90.2164,
107.2694

■ 52.5852, 72.8803,
13.6393

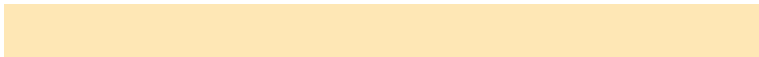
■ 50.7978, 71.9962,
11.8671

■ 49.5132, 71.3482,
11.1620

Harmonies

Analogous

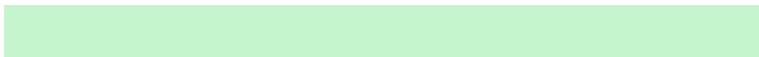
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7979, 81.4896, 55.5038



71.2002, 81.4896, 58.9901



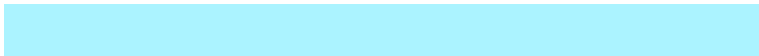
66.5311, 81.4896, 70.0908

Triad

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



71.2002, 81.4896, 58.9901



70.6384, 81.4896, 125.8350



91.7023, 81.4896, 89.7172

Complementary

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



71.2002, 81.4896, 58.9901



57.1729, 54.0542, 89.0859

Split Complementary

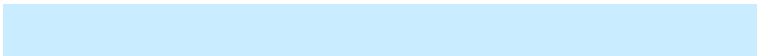
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5102, 81.4896, 110.4074



71.2002, 81.4896, 58.9901



77.1099, 81.4896, 133.1092

Square

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



71.2002, 81.4896, 58.9901



66.2207, 81.4896, 108.4450



84.0625, 81.4896, 127.0827



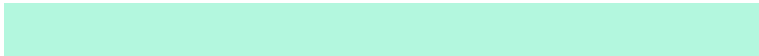
89.8895, 81.4896, 71.5592

Rectangle

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



71.2002, 81.4896, 58.9901



64.9974, 81.4896, 81.2852



84.0625, 81.4896, 127.0827



91.4070, 81.4896, 96.6125

Sweetspot

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



71.2023, 81.4932, 58.9918



90.6847, 98.0664, 94.3848



65.2234, 63.2496, 55.7856



19.3327, 20.9558, 19.9482



0.0000, 0.0000, 0.0000



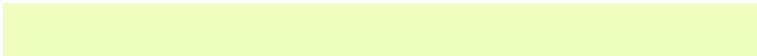
20.3446, 21.4041, 23.3091

Same Dimension

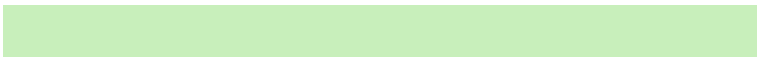
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2023, 81.4932, 58.9918



80.3138, 93.4310, 61.7746



63.6582, 77.6041, 58.6388



16.7144, 18.2484, 16.7911



27.4869, 39.4916, 6.1739



2.3768, 3.3318, 0.5178

Inverse Universe

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



57.1729, 54.0542, 89.0859



61.4373, 56.5053, 102.2763



64.7171, 57.9434, 89.4390



15.2676, 15.4197, 19.8932



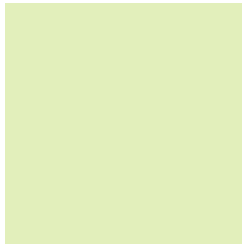
9.7327, 4.0228, 45.3914



0.8978, 0.3801, 3.7803

Previews

White Background



This preview shows how the XYZ color 71.2002, 81.4896, 58.9901 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 71.2002, 81.4896, 58.9901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

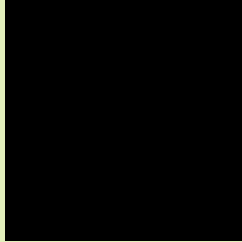
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

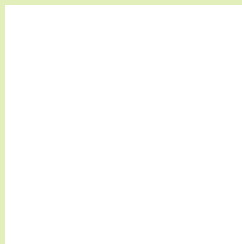
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2002, 81.4896, 58.9901

Background



This preview shows how black text looks on a background with the XYZ color 71.2002, 81.4896, 58.9901.

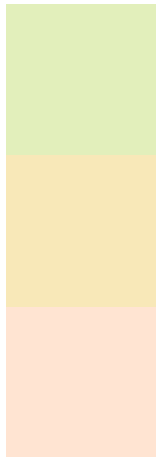


This preview shows how white text looks on a background with the XYZ color 71.2002, 81.4896,

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

71.2002, 81.4896, 58.9901

Protanopia

76.2197, 81.1304, 56.9899

Deuteranopia

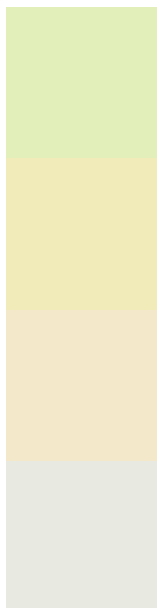
80.6163, 81.3999, 72.4356



Tritanopia

79.9357, 81.6535, 101.1702

Trichromacy



Original Color

71.2002, 81.4896, 58.9901

Protanomaly

74.4005, 81.4447, 57.6980

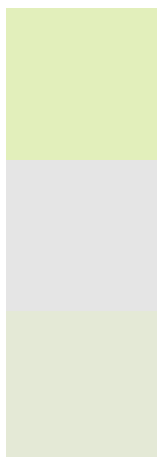
Deuteranomaly

76.8255, 81.2106, 67.5032

Tritanomaly

76.4290, 81.4924, 83.6529

Monochromacy



Original Color

71.2002, 81.4896, 58.9901

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.2714, 79.6268, 75.1260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2002, 81.4896, 58.9901 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(226, 239, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 239, 187)  
}
```

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(226, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 239, 187) }
```

Border

The CSS property to change the border of an element to XYZ 71.2002, 81.4896, 58.9901 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(226, 239, 187) }
```


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

```
.border{ border-color:rgb(226, 239, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 239, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 239, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 239, 187);  
box-shadow:4px 4px 4px 4px rgb(226, 239,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2002, 81.4896, 58.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 239, 187) }
```

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

```
.background{ background-color: rgb(226,  
239, 187) }
```

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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