

Converting Colors

XYZ(57.9317, 68.2650, 44.6504)

Have a look what the booklet for
XYZ(57.9317, 68.2650, 44.6504)
contains.

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Color

**XYZ(57.9004, 68.2571,
44.7736)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDFA3
RGB	204, 223, 163
RGB Percent	80%, 87%, 64%
CMY	0.2000, 0.1255, 0.3608
CMYK	0.09, 0.00, 0.27, 0.13
HSL	79°, 48%, 76%
HSV	79°, 27%, 87%
XYZ	57.9004, 68.2571, 44.7736
YIQ	210.4790, 7.9360, -22.6880

Conversions

Conversions Part 2

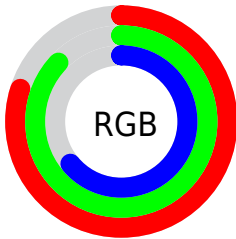
Format	Color
RYB	163, 223, 182
Decimal	13426595
CIELab	86.13, -16.38, 27.37
CIELCh	86, 31.897, 120.901
Yxy	68.2571, 0.3387, 0.3993
Android (android.graphics.Color)	4291616675 (0xFFCCDFA3)
YUV	210.4790, -23.4071, -5.6821
Hunter-Lab	82.6179, -19.4845, 25.7011

Details

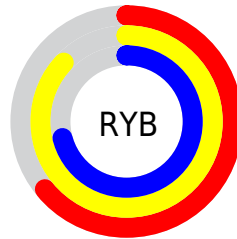
The XYZ color **57.9004, 68.2571, 44.7736** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7106, 41.4691, 75.4110**, and the grayscale version is **61.7205, 64.9348, 70.7140**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **29.2663, 35.5425, 20.3568** is the 20% darker color. If you saturate the color by 10%, you get **54.1842, 66.5543, 35.0735**, and if you desaturate by 10%, it is **62.0603, 70.1521, 56.3364**.

Distribution



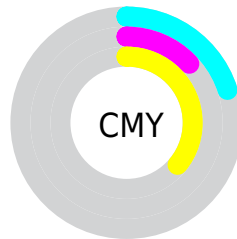
- Red (80%)
- Green (87%)
- Blue (64%)



- Red (64%)
- Yellow (87%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)




- Cyan (20%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9004, 68.2571, 44.7736 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 57.9004, 68.2571, 44.7736 by changing the saturation by 10% instead.


 57.9004, 68.2571,
44.7736


 57.9004, 68.2571,
44.7736


406.7745,
454.4064, 381.9892

 41.9715, 50.1069,
30.9375


 100.9016,
116.7199, 83.6954

 29.2700, 35.4984,
20.2932


 128.7046,
147.8013, 109.6182

 19.4305, 24.0470,
12.4222


161.1965,
183.9618, 140.4070

 12.0876, 15.3685,
6.9058

198.7424,
225.5860, 176.4802

 6.8760, 9.0784,
3.3257

241.7078,
273.0581, 218.2565

 3.4303, 4.7924,
1.2633

290.4581,

 1.3852, 2.1260,

326.7627, 266.1545

0.0314

345.3585,
387.0839, 320.5925

■ 0.2456, 0.6792,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9004, 68.2571,
44.7736

■ 57.9004, 68.2571,
44.7736

■ 54.1842, 66.5543,
35.0735

■ 62.0603, 70.1521,
56.3364

■ 50.8868, 65.0267,
27.1341

■ 66.6770, 72.2378,
69.8479

■ 47.9885, 63.6687,
20.8506

■ 71.7692, 74.5242,
85.3940

■ 45.4659, 62.4707,
16.1050

■ 77.3533, 77.0177,
103.0542

■ 43.2923, 61.4218,
12.7639

■ 80.1428, 78.4042,
105.5173

■ 41.4368, 60.5097,
10.6709

■ 82.5786, 79.6599,
105.6313

■ 39.8598, 59.7182,
9.6240

■ 85.1087, 80.9642,
105.7497

■ 39.4079, 59.4897,
9.4056

■ 85.6791, 81.2582,
105.7764

Harmonies

Analogous

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



64.6548, 68.2571, 40.8111



57.9004, 68.2571, 44.7736



53.3181, 68.2571, 56.3590

Triad

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



57.9004, 68.2571, 44.7736



58.2572, 68.2571, 115.4892



80.0225, 68.2571, 73.6871

Complementary

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



57.9004, 68.2571, 44.7736



45.7106, 41.4691, 75.4110

Split Complementary

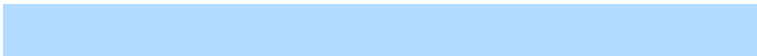
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9947, 68.2571, 95.7421



57.9004, 68.2571, 44.7736



65.0983, 68.2571, 122.4570

Square

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



57.9004, 68.2571, 44.7736



53.5129, 68.2571, 97.0503



72.3912, 68.2571, 114.6393



77.7443, 68.2571, 55.4492

Rectangle

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



57.9004, 68.2571, 44.7736



51.9244, 68.2571, 68.1148



72.3912, 68.2571, 114.6393



79.8206, 68.2571, 80.8918

Sweetspot

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



57.9022, 68.2601, 44.7751



89.6003, 97.5501, 92.4012



53.7727, 51.7904, 41.8137



18.9688, 20.7854, 19.1565



0.0000, 0.0000, 0.0000



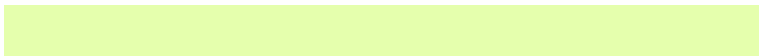
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9022, 68.2601, 44.7751



75.7041, 91.2361, 53.3587



50.4563, 64.4216, 44.4266



14.4275, 15.8005, 14.5962



23.2920, 35.0400, 5.5358



1.7060, 2.4760, 0.3880

Inverse Universe

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



45.7106, 41.4691, 75.4110



56.6887, 49.4365, 101.1621



53.5703, 45.5209, 75.7788



13.3586, 13.4529, 17.2803



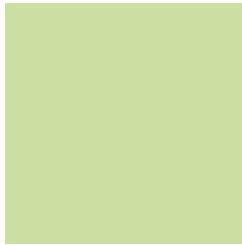
9.4473, 3.9656, 41.3159



0.7455, 0.3216, 2.8680

Previews

White Background



This preview shows how the XYZ color 57.9004, 68.2571, 44.7736 looks on a white background.

Color Contrast Check

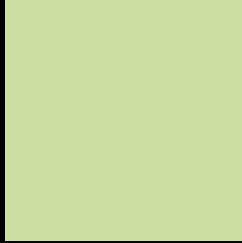
Large Text (above 18pt) WCAG AA × Fail

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 57.9004, 68.2571, 44.7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

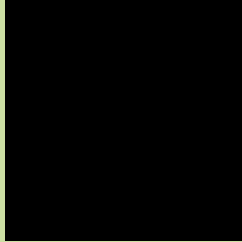
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9004, 68.2571, 44.7736

Background



This preview shows how black text looks on a background with the XYZ color 57.9004, 68.2571, 44.7736.



This preview shows how white text looks on a background with the XYZ color 57.9004, 68.2571,

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

57.9004, 68.2571, 44.7736

Protanopia

63.5134, 68.0930, 42.5966

Deuteranopia

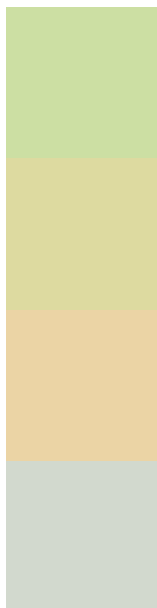
69.0991, 67.5912, 45.4809



Tritanopia

65.9109, 68.0088, 85.2544

Trichromacy



Original Color

57.9004, 68.2571, 44.7736

Protanomaly

61.2354, 68.0530, 43.1658

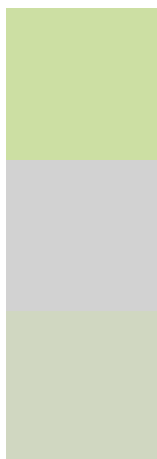
Deuteranomaly

64.5960, 67.4657, 45.2149

Tritanomaly

62.5318, 67.7836, 68.1803

Monochromacy



Original Color

57.9004, 68.2571, 44.7736

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.9385, 65.8610, 60.0054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9004, 68.2571, 44.7736 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(204, 223, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 223, 163)  
}
```

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(204, 223, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 223, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.9004, 68.2571, 44.7736 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(204, 223, 163) }
```


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

```
.border{ border-color:rgb(204, 223, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 223, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 223, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 223, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 223,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9004, 68.2571, 44.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 223, 163) }
```

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

```
.background{ background-color: rgb(204,  
223, 163) }
```

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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