

Converting Colors

XYZ(57.9916, 68.1504, 41.0593)

Have a look what the booklet for
XYZ(57.9916, 68.1504, 41.0593)
contains.

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Color

**XYZ(57.7698, 67.8745,
41.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDE9B
RGB	207, 222, 155
RGB Percent	81%, 87%, 61%
CMY	0.1882, 0.1294, 0.3921
CMYK	0.07, 0.00, 0.30, 0.13
HSL	73°, 50%, 74%
HSV	73°, 30%, 87%
XYZ	57.7698, 67.8745, 41.0666
YIQ	209.8770, 12.5670, -24.0170

Conversions

Conversions Part 2

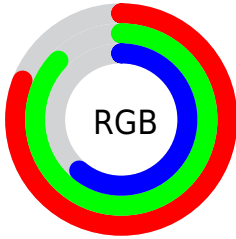
Format	Color
RYB	155, 222, 170
Decimal	13622939
CIELab	85.94, -15.88, 31.26
CIELCh	86, 35.063, 116.922
Yxy	67.8745, 0.3465, 0.4071
Android (android.graphics.Color)	4291813019 (0xFFCFDE9B)
YUV	209.8770, -27.0544, -2.5231
Hunter-Lab	82.3860, -19.0096, 28.1161

Details

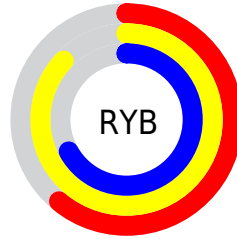
The XYZ color **57.7698, 67.8745, 41.0666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4863, 37.2644, 74.1172**, and the grayscale version is **61.3455, 64.5402, 70.2843**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **29.2158, 35.2921, 18.1042** is the 20% darker color. If you saturate the color by 10%, you get **54.7075, 66.4940, 32.0697**, and if you desaturate by 10%, it is **61.2221, 69.4207, 51.8737**.

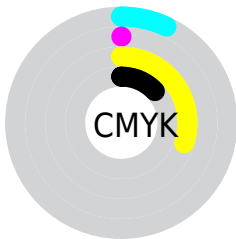
Distribution



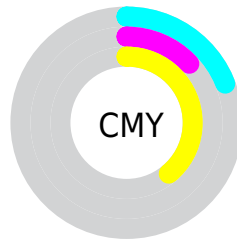
- Red (81%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7698, 67.8745, 41.0666 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 57.7698, 67.8745, 41.0666 by changing the saturation by 10% instead.

■ 57.7698, 67.8745,
41.0666

■ 57.7698, 67.8745,
41.0666

406.2953,
453.0512, 366.2838

■ 41.8662, 49.7956,
28.0510

■ 100.7125,
116.1726, 78.0398

■ 29.1871, 35.2510,
18.1248

■ 128.4822,
147.1606, 102.8344

■ 19.3674, 23.8563,
10.8692

160.9380,
183.2205, 132.3925

■ 12.0417, 15.2271,
5.8659

198.4452,
224.7366, 167.1326

■ 6.8445, 8.9789,
2.6962

241.3691,
272.0933, 207.4733

■ 3.4105, 4.7274,
0.9415

290.0753,

■ 1.3744, 2.0882,

325.6751, 253.8330

0.0000

344.9289,
385.8662, 306.6303

■ 0.2379, 0.6580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7698, 67.8745,
41.0666

■ 57.7698, 67.8745,
41.0666

■ 54.7075, 66.4940,
32.0697

■ 61.2221, 69.4207,
51.8737

■ 52.0109, 65.2624,
24.7796


■ 65.0770, 71.1308,
64.5783


■ 49.6607, 64.1743,
19.0892


■ 69.3528, 73.0144,
79.2670


■ 47.6333, 63.2203,
14.8774


■ 74.0651, 75.0777,
96.0200


 45.9023, 62.3897,
12.0059


 77.4056, 76.5976,
105.3128

 44.4359, 61.6697,
10.3104

 79.0412, 77.4408,
105.3894

 43.1994, 61.0488,
9.5067

 80.7228, 78.3077,
105.4681

 82.4508, 79.1985,
105.5490

 84.2255, 80.1134,
105.6320

Harmonies

Analogous

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



65.3455, 67.8745, 37.9521



57.7698, 67.8745, 41.0666



52.4181, 67.8745, 52.2973

Triad

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



57.7698, 67.8745, 41.0666



56.4457, 67.8745, 117.5048



81.1953, 67.8745, 76.3042

Complementary

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



57.7698, 67.8745, 41.0666



41.4863, 37.2644, 74.1172

Split Complementary

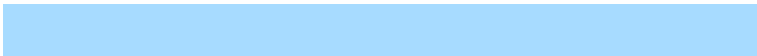
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3378, 67.8745, 100.7668



57.7698, 67.8745, 41.0666



63.6870, 67.8745, 127.4511

Square

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



57.7698, 67.8745, 41.0666



51.6993, 67.8745, 95.7930



71.7608, 67.8745, 120.7698



79.2854, 67.8745, 55.6322

Rectangle

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



57.7698, 67.8745, 41.0666



50.6086, 67.8745, 64.3407



71.7608, 67.8745, 120.7698



80.7552, 67.8745, 84.3704

Sweetspot

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



57.7715, 67.8775, 41.0680



89.7070, 97.6473, 90.5009



50.3272, 46.4667, 37.3277



19.0258, 20.8231, 18.7799



0.0000, 0.0000, 0.0000



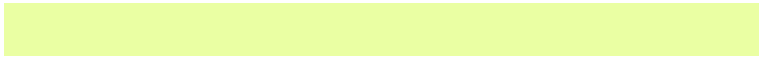
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7715, 67.8775, 41.0680



76.4658, 91.7388, 48.4216



49.4918, 63.6092, 40.6806



14.5558, 15.8667, 14.6022



25.7580, 36.3112, 5.6512



1.8601, 2.5554, 0.3952

Inverse Universe

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



41.4863, 37.2644, 74.1172



50.8920, 43.6460, 100.3500



49.5416, 41.4171, 74.4942



13.2377, 13.3906, 17.2746



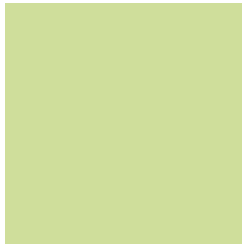
8.6836, 3.5719, 41.2801



0.6789, 0.2873, 2.8649

Previews

White Background



This preview shows how the XYZ color 57.7698, 67.8745, 41.0666 looks on a white background.

Color Contrast Check

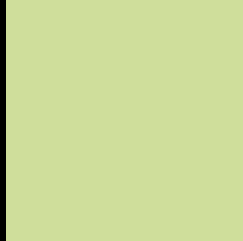
Large Text (above 18pt) WCAG AA × Fail

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 57.7698, 67.8745, 41.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

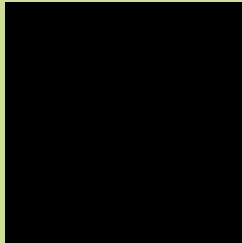
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

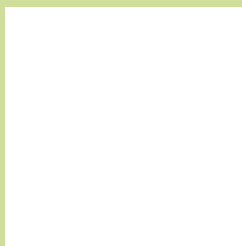
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7698, 67.8745, 41.0666

Background



This preview shows how black text looks on a background with the XYZ color 57.7698, 67.8745, 41.0666.



This preview shows how white text looks on a background with the XYZ color 57.7698, 67.8745,

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

57.7698, 67.8745, 41.0666

Protanopia

62.6691, 67.3491, 39.4024

Deuteranopia

69.1159, 67.6821, 41.7689



Tritanopia

66.5524, 67.9974, 83.7459

Trichromacy



Original Color

57.7698, 67.8745, 41.0666

Protanomaly

60.6868, 67.4552, 39.9586

Deuteranomaly

64.5543, 67.5258, 41.5297

Tritanomaly

62.6571, 67.5221, 65.6078

Monochromacy



Original Color

57.7698, 67.8745, 41.0666

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.6353, 65.3661, 58.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7698, 67.8745, 41.0666 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(207, 222, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 222, 155)  
}
```

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(207, 222, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 222, 155) }
```

Border

The CSS property to change the border of an element to XYZ 57.7698, 67.8745, 41.0666 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(207, 222, 155) }
```


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

```
.border{ border-color:rgb(207, 222, 155) }
```

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

Here you see how a box with a 4 pixel rgb(207, 222, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 222, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 222, 155);  
box-shadow:4px 4px 4px 4px rgb(207, 222,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7698, 67.8745, 41.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 222, 155) }
```

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

```
.background{ background-color: rgb(207,  
222, 155) }
```

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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