

Converting Colors

XYZ(60.4433, 67.2367, 58.6047)

Have a look what the booklet for
XYZ(60.4433, 67.2367, 58.6047)
contains.

XYZ(60.3781, 67.2704, 58.5174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3781, 67.2704,
58.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DABE
RGB	208, 218, 190
RGB Percent	82%, 85%, 75%
CMY	0.1843, 0.1451, 0.2549
CMYK	0.05, 0.00, 0.13, 0.15
HSL	81°, 27%, 80%
HSV	81°, 13%, 85%
XYZ	60.3781, 67.2704, 58.5174
YIQ	211.8180, 3.0280, -10.8280

Conversions

Conversions Part 2

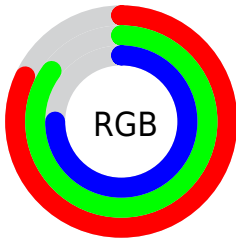
Format	Color
RYB	190, 218, 200
Decimal	13687486
CIELab	85.64, -8.29, 12.64
CIELCh	86, 15.111, 123.262
Yxy	67.2704, 0.3243, 0.3613
Android (android.graphics.Color)	4291877566 (0xFFD0DABE)
YUV	211.8180, -10.7563, -3.3484
Hunter-Lab	82.0185, -12.1293, 15.1116

Details

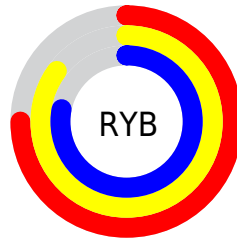
The XYZ color **60.3781, 67.2704, 58.5174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.8904, 54.1700, 73.8961**, and the grayscale version is **62.5277, 65.7841, 71.6388**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.9390, 34.8706, 28.7669** is the 20% darker color. If you saturate the color by 10%, you get **56.0357, 65.2889, 46.7927**, and if you desaturate by 10%, it is **65.1881, 69.4558, 72.1272**.

Distribution



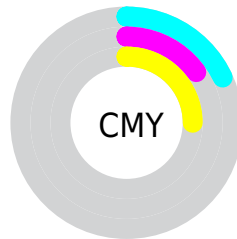
- Red (82%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3781, 67.2704, 58.5174 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 60.3781, 67.2704, 58.5174 by changing the saturation by 10% instead.

■ 60.3781, 67.2704,
58.5174

■ 60.3781, 67.2704,
58.5174

415.8025,
450.9067, 436.7631

■ 43.9741, 49.3044,
41.8073

■ 104.4812,
115.3078, 104.1981

■ 30.8480, 34.8610,
28.6260

132.9110,
146.1480, 134.0059

■ 20.6344, 23.5558,
18.5549

166.0801,
182.0483, 169.0165

■ 12.9679, 15.0045,
11.1756

204.3538,
223.3933, 209.6487

■ 7.4833, 8.8225,
6.0694

248.0976,
270.5672, 256.3209

■ 3.8152, 4.6256,
2.8179

297.6767,

■ 1.5981, 2.0293,

323.9544, 309.4517

1.0024

353.4565,
383.9395, 369.4596

■ 0.3912, 0.6244,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3781, 67.2704,
58.5174

■ 60.3781, 67.2704,
58.5174

■ 56.0357, 65.2889,
46.7927

■ 65.1881, 69.4558,
72.1272

■ 52.1382, 63.4953,
36.8657

■ 70.4766, 71.8430,
87.6956

■ 48.6689, 61.8851,
28.6483

■ 76.1958, 74.4153,
104.9554

■ 45.6079, 60.4501,
22.0435

■ 78.7712, 75.7430,
105.0759

■ 42.9331, 59.1813,
16.9447

■ 81.4600, 77.1291,
105.2017

■ 40.6202, 58.0687,
13.2322

■ 84.2634, 78.5743,
105.3329

■ 38.6414, 57.1011,
10.7682

■ 84.3627, 78.6255,
105.3376

■ 36.9634, 56.2649,
9.3866

■ 35.9088, 55.7317,
8.8647

Harmonies

Analogous

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



63.5628, 67.2704, 55.9109



60.3781, 67.2704, 58.5174



58.2101, 67.2704, 65.0476

Triad

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



60.3781, 67.2704, 58.5174



61.0078, 67.2704, 91.5041



70.7738, 67.2704, 72.1733

Complementary

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



60.3781, 67.2704, 58.5174



54.8904, 54.1700, 73.8961

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.



70.0309, 67.2704, 82.1059



60.3781, 67.2704, 58.5174



64.3157, 67.2704, 93.8382

Square

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



60.3781, 67.2704, 58.5174



58.5644, 67.2704, 84.1373



67.6362, 67.2704, 90.2594



69.6317, 67.2704, 63.3377

Rectangle

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



60.3781, 67.2704, 58.5174



57.5907, 67.2704, 71.0452



67.6362, 67.2704, 90.2594



70.7364, 67.2704, 75.4918

Sweetspot

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



60.3799, 67.2733, 58.5189



92.1230, 98.6758, 100.4171



58.8181, 59.8413, 57.1666



19.6030, 21.0685, 21.1628



0.0000, 0.0000, 0.0000



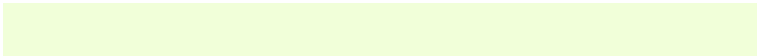
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3799, 67.2733, 58.5189



84.6421, 95.2766, 79.4044



56.6673, 65.3594, 58.3451



13.6875, 15.0191, 13.9032



21.6332, 33.4498, 5.3163



1.4941, 2.2148, 0.3487

Inverse Universe

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



54.8904, 54.1700, 73.8961



75.5648, 73.6086, 104.8329



58.7440, 56.1566, 74.0764



12.7755, 12.8424, 16.4576



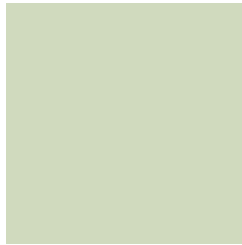
9.5648, 4.0550, 40.0170



0.7117, 0.3102, 2.5968

Previews

White Background



This preview shows how the XYZ color 60.3781, 67.2704, 58.5174 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 60.3781, 67.2704, 58.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

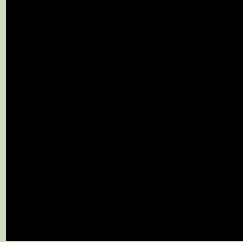
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

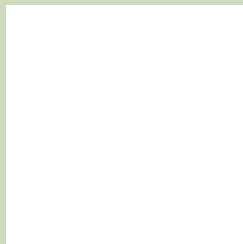
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3781, 67.2704, 58.5174

Background



This preview shows how black text looks on a background with the XYZ color 60.3781, 67.2704, 58.5174.



This preview shows how white text looks on a background with the XYZ color 60.3781, 67.2704,

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

60.3781, 67.2704, 58.5174

Protanopia

63.6118, 67.0666, 57.1694

Deuteranopia

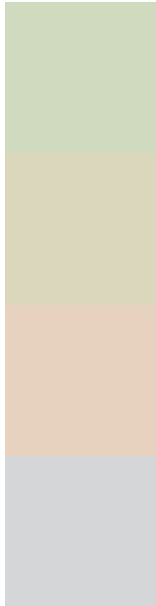
68.2037, 66.8256, 59.1731



Tritanopia

65.4179, 67.0403, 83.6209

Trichromacy



Original Color

60.3781, 67.2704, 58.5174

Protanomaly

62.3992, 67.1804, 57.8224

Deuteranomaly

65.0837, 66.6778, 58.7300

Tritanomaly

63.4637, 66.9965, 73.8767

Monochromacy



Original Color

60.3781, 67.2704, 58.5174

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8096, 66.3017, 66.6665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3781, 67.2704, 58.5174 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(208, 218, 190) looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 190)  
}
```

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(208, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.3781, 67.2704, 58.5174 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(208, 218, 190) }
```


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

```
.border{ border-color:rgb(208, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3781, 67.2704, 58.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 190) }
```

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

```
.background{ background-color: rgb(208,  
218, 190) }
```

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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