

Converting Colors

XYZ(60.2144, 68.7837, 64.4666)

Have a look what the booklet for
XYZ(60.2144, 68.7837, 64.4666)
contains.

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Color

**XYZ(60.0998, 68.5548,
64.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DEC8
RGB	199, 222, 200
RGB Percent	78%, 87%, 78%
CMY	0.2196, 0.1294, 0.2157
CMYK	0.10, 0.00, 0.10, 0.13
HSL	123°, 26%, 83%
HSV	123°, 10%, 87%
XYZ	60.0998, 68.5548, 64.7084
YIQ	212.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

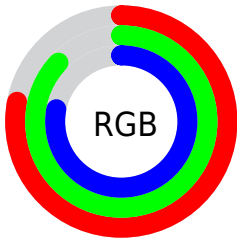
Format	Color
RYB	199, 221, 222
Decimal	13098696
CIELab	86.28, -11.72, 8.20
CIELCh	86, 14.304, 145.020
Yxy	68.5548, 0.3108, 0.3545
Android (android.graphics.Color)	4291288776 (0xFFC7DEC8)
YUV	212.6150, -6.2192, -11.9404
Hunter-Lab	82.7978, -15.3298, 11.6220

Details

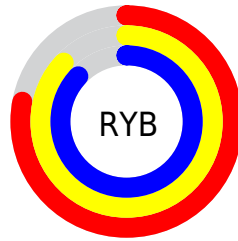
The XYZ color **60.0998, 68.5548, 64.7084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6012, 61.5986, 76.9474**, and the grayscale version is **63.0337, 66.3164, 72.2185**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6841, 35.7325, 32.4740** is the 20% darker color. If you saturate the color by 10%, you get **52.3218, 64.8142, 52.2769**, and if you desaturate by 10%, it is **69.0856, 72.8822, 78.9986**.

Distribution



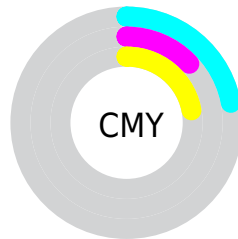
- Red (78%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0998, 68.5548, 64.7084 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 60.0998, 68.5548, 64.7084 by changing the saturation by 10% instead.

60.0998, 68.5548,
64.7084

60.0998, 68.5548,
64.7084

414.7944,
455.4592, 460.0208

43.7488, 50.3492,
46.7748

104.0799,
117.1455, 113.2398

30.6702, 35.6910,
32.5046

132.4399,
148.2994, 144.6747

20.4984, 24.1956,
21.4792

165.5335,
184.5381, 181.4471

12.8682, 15.4788,
13.2801

203.7261,
226.2462, 223.9756

7.4142, 9.1561,
7.4887

247.3832,
273.8079, 272.6786

3.7711, 4.8431,
3.6865

296.8700,

1.5735, 2.1555,

327.6078, 327.9748

1.4550

352.5520,
388.0300, 390.2827

■ 0.3750, 0.6956,
0.1841

■ 0.0000, 0.0000,
0.0000

■ 60.0998, 68.5548,
64.7084

■ 60.0998, 68.5548,
64.7084

■ 52.3218, 64.8142,
52.2769

■ 69.0856, 72.8822,
78.9986

■ 45.6949, 61.6268,
41.6235

■ 79.3218, 77.8108,
95.2147

■ 40.1660, 58.9691,
32.6684

■ 85.4126, 80.7252,
105.6875

■ 35.6759, 56.8122,
25.3237

■ 32.1596, 55.1249,
19.4940

■ 29.5449, 53.8721,
15.0737

■ 27.7495, 53.0140,
11.9435

■ 26.6762, 52.5034,
9.9646

■ 26.1755, 52.2664,
8.9861

Harmonies

Analogous

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



62.5136, 68.5548, 59.3658



60.0998, 68.5548, 64.7084



59.0432, 68.5548, 73.0789

Triad

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



60.0998, 68.5548, 64.7084



64.6103, 68.5548, 94.2407



71.0768, 68.5548, 67.2232

Complementary

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



60.0998, 68.5548, 64.7084



63.6012, 61.5986, 76.9474

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.



71.6838, 68.5548, 76.2324



60.0998, 68.5548, 64.7084



67.8785, 68.5548, 92.3427

Square

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



60.0998, 68.5548, 64.7084



61.5906, 68.5548, 90.5375



70.4950, 68.5548, 85.5490



68.8632, 68.5548, 60.7296

Rectangle

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



60.0998, 68.5548, 64.7084



59.2238, 68.5548, 79.4513



70.4950, 68.5548, 85.5490



71.4786, 68.5548, 70.0357

Sweetspot

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



60.1017, 68.5577, 64.7099



91.1354, 98.1155, 102.6839



66.3230, 71.7784, 64.3927



19.2884, 20.8957, 21.6317



0.0000, 0.0000, 0.0000



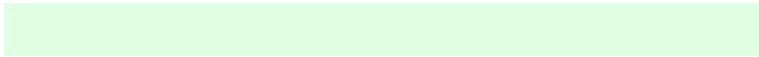
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1017, 68.5577, 64.7099



80.3151, 92.9075, 85.4578



61.4679, 69.1042, 71.9044



13.5528, 15.3469, 14.6804



15.5575, 31.0478, 5.3926



1.0870, 2.1555, 0.4193

Inverse Universe

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



63.6012, 61.5986, 76.9474



85.8398, 81.9212, 104.7766



62.1495, 61.0179, 69.3027



14.2679, 13.9248, 17.1811



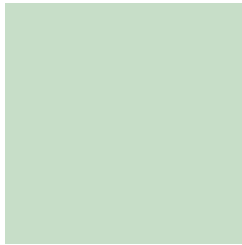
24.9889, 12.0626, 38.2030



1.7402, 0.8393, 2.6907

Previews

White Background



This preview shows how the XYZ color 60.0998, 68.5548, 64.7084 looks on a white background.

Color Contrast Check

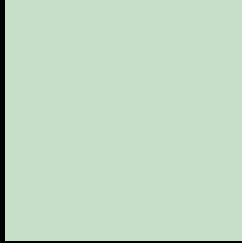
Large Text (above 18pt) WCAG AA × Fail

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 60.0998, 68.5548, 64.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

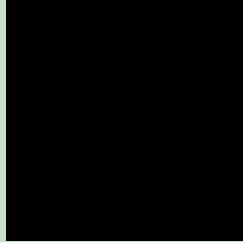
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

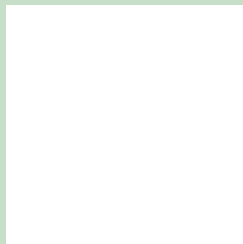
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0998, 68.5548, 64.7084

Background



This preview shows how black text looks on a background with the XYZ color 60.0998, 68.5548, 64.7084.



This preview shows how white text looks on a background with the XYZ color 60.0998, 68.5548,

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

60.0998, 68.5548, 64.7084

Protanopia

65.0047, 68.4337, 62.0075

Deuteranopia

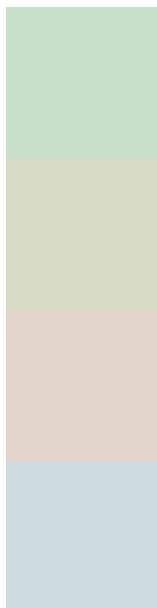
69.6110, 68.1243, 65.9803



Tritanopia

64.8410, 68.5454, 87.6550

Trichromacy



Original Color

60.0998, 68.5548, 64.7084

Protanomaly

63.1738, 68.6211, 62.7389

Deuteranomaly

65.8190, 68.0215, 65.5375

Tritanomaly

63.1449, 68.6335, 79.0267

Monochromacy



Original Color

60.0998, 68.5548, 64.7084

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9535, 67.0757, 69.3561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0998, 68.5548, 64.7084 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(199, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 200)  
}
```

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(199, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.0998, 68.5548, 64.7084 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(199, 222, 200) }
```


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

```
.border{ border-color:rgb(199, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0998, 68.5548, 64.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 200) }
```

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

```
.background{ background-color: rgb(199,  
222, 200) }
```

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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