

Converting Colors

XYZ(60.1936, 67.8031, 68.9212)

Have a look what the booklet for
XYZ(60.1936, 67.8031, 68.9212)
contains.

XYZ(60.1444, 67.6972, 68.9284)	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(60.1444, 67.6972,
68.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DCCF
RGB	198, 220, 207
RGB Percent	78%, 86%, 81%
CMY	0.2235, 0.1372, 0.1882
CMYK	0.10, 0.00, 0.06, 0.14
HSL	145°, 24%, 82%
HSV	145°, 10%, 86%
XYZ	60.1444, 67.6972, 68.9284
YIQ	211.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

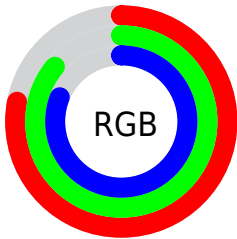
Format	Color
RYB	198, 214, 220
Decimal	13032655
CIELab	85.85, -9.77, 3.88
CIELCh	86, 10.511, 158.320
Yxy	67.6972, 0.3057, 0.3440
Android (android.graphics.Color)	4291222735 (0xFFC6DCCF)
YUV	211.9400, -2.4354, -12.2254
Hunter-Lab	82.2783, -13.5058, 7.9248

Details

The XYZ color **60.1444, 67.6972, 68.9284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4696, 60.3087, 70.0322**, and the grayscale version is **62.5610, 65.8190, 71.6769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7065, 35.1395, 35.3012** is the 20% darker color. If you saturate the color by 10%, you get **53.2368, 64.3143, 60.6470**, and if you desaturate by 10%, it is **68.0290, 71.5725, 77.9417**.

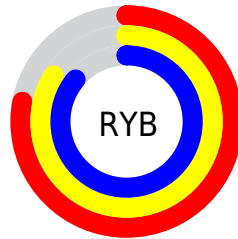
Distribution



Red (78%)

Green (86%)

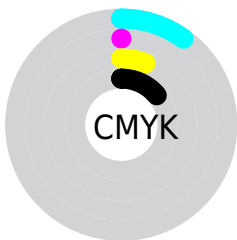
Blue (81%)



Red (78%)

Yellow (84%)

Blue (86%)

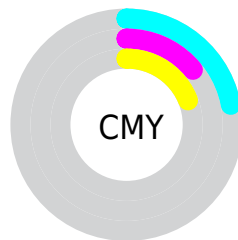


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1444, 67.6972, 68.9284 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 60.1444, 67.6972, 68.9284 by changing the saturation by 10% instead.

60.1444, 67.6972,
68.9284

60.1444, 67.6972,
68.9284

414.9560,
452.4224, 475.4655

43.7849, 49.6514,
50.1820

104.1443,
115.9189, 119.3460

30.6987, 35.1365,
35.1858

132.5154,
146.8635, 151.8544

20.5202, 23.7681,
23.5214

165.6211,
182.8767, 189.7871

12.8842, 15.1617,
14.7700

203.8268,
224.3426, 233.5627

7.4253, 8.9329,
8.5133

247.4977,
271.6457, 283.5999

3.7782, 4.6975,
4.3327

296.9994,

1.5774, 2.0709,

325.1705, 340.3170

1.8096

352.6970,
385.3013, 404.1327

■ 0.3776, 0.6482,
0.4343

■ 0.0000, 0.0000,
0.0000

■ 60.1444, 67.6972,
68.9284

■ 60.1444, 67.6972,
68.9284

■ 53.2368, 64.3143,
60.6470

■ 68.0290, 71.5725,
77.9417

■ 47.2614, 61.3952,
53.0747

■ 76.9220, 75.9502,
87.7000

■ 42.1778, 58.9216,
46.1942

■ 83.4701, 79.1032,
98.0631

■ 37.9408, 56.8704,
39.9856

■ 84.8845, 79.6690,
105.5115

■ 34.5009, 55.2165,
34.4281

■ 31.8031, 53.9320,
29.4998

■ 29.7850, 52.9852,
25.1774

■ 28.3729, 52.3386,
21.4359

■ 27.4395, 51.9270,
18.2471

Harmonies

Analogous

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



61.5209, 67.6972, 63.8065



60.1444, 67.6972, 68.9284



59.8787, 67.6972, 75.6425

Triad

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



60.1444, 67.6972, 68.9284



65.0152, 67.6972, 87.5981



68.0386, 67.6972, 65.8048

Complementary

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



60.1444, 67.6972, 68.9284



61.4696, 60.3087, 70.0322

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.



69.0262, 67.6972, 71.8122



60.1444, 67.6972, 68.9284



67.2525, 67.6972, 84.5903

Square

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



60.1444, 67.6972, 68.9284



62.6519, 67.6972, 86.7069



68.7350, 67.6972, 78.7093



66.0666, 67.6972, 62.0828

Rectangle

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



60.1444, 67.6972, 68.9284



60.3609, 67.6972, 80.1696



68.7350, 67.6972, 78.7093



68.4989, 67.6972, 67.6085

Sweetspot

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



60.1463, 67.7001, 68.9299



91.5719, 98.2901, 104.9824



62.7101, 69.1453, 63.4682



19.4058, 20.9426, 22.2499



0.0000, 0.0000, 0.0000



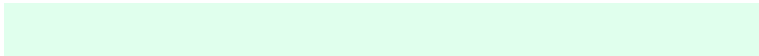
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1463, 67.7001, 68.9299



81.8984, 93.5408, 93.7954



61.5129, 68.2467, 76.1266



13.1062, 14.6941, 15.0222



16.1553, 30.4948, 10.9834



1.0887, 1.9924, 0.9332

Inverse Universe

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



61.4696, 60.3087, 70.0322



84.1031, 81.2265, 95.6313



60.1601, 59.7849, 63.1362



13.3773, 13.1800, 15.2480



19.7440, 9.8987, 13.5640



1.3215, 0.6582, 1.1019

Previews

White Background



This preview shows how the XYZ color 60.1444, 67.6972, 68.9284 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 60.1444, 67.6972, 68.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

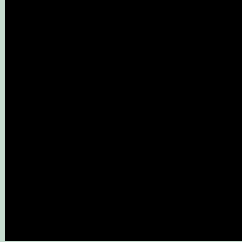
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

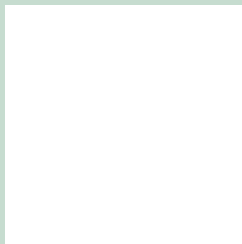
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1444, 67.6972, 68.9284

Background



This preview shows how black text looks on a background with the XYZ color 60.1444, 67.6972, 68.9284.



This preview shows how white text looks on a background with the XYZ color 60.1444, 67.6972,

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

60.1444, 67.6972, 68.9284

Protanopia

64.3925, 67.2724, 66.0909

Deuteranopia

68.8707, 67.2833, 70.3299



Tritanopia

63.6210, 67.5515, 86.7763

Trichromacy



Original Color

60.1444, 67.6972, 68.9284

Protanomaly

62.8955, 67.6175, 66.8633

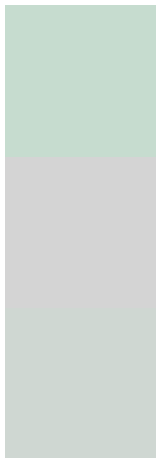
Deuteranomaly

65.4835, 67.3784, 69.8756

Tritanomaly

62.3548, 67.4250, 80.2489

Monochromacy



Original Color

60.1444, 67.6972, 68.9284

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6654, 66.5194, 70.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1444, 67.6972, 68.9284 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(198, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 207)  
}
```

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(198, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.1444, 67.6972, 68.9284 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(198, 220, 207) }
```


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

```
.border{ border-color:rgb(198, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1444, 67.6972, 68.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 207) }
```

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

```
.background{ background-color: rgb(198,  
220, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor