

Converting Colors

XYZ(60.6731, 62.0823, 68.5092)

Have a look what the booklet for
XYZ(60.6731, 62.0823, 68.5092)
contains.

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Color

**XYZ(60.7096, 62.0359,
68.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CCD0
RGB	214, 204, 208
RGB Percent	84%, 80%, 82%
CMY	0.1608, 0.2000, 0.1843
CMYK	0.00, 0.05, 0.03, 0.16
HSL	336°, 11%, 82%
HSV	336°, 5%, 84%
XYZ	60.7096, 62.0359, 68.4489
YIQ	207.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

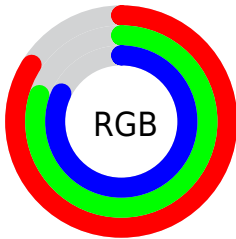
Format	Color
RYB	214, 204, 208
Decimal	14077136
CIELab	82.93, 4.17, -0.76
CIELCh	83, 4.237, 349.719
Yxy	62.0359, 0.3175, 0.3245
Android (android.graphics.Color)	4292267216 (0xFFD6CCD0)
YUV	207.4460, 0.2731, 5.7479
Hunter-Lab	78.7629, -0.2491, 3.6080

Details

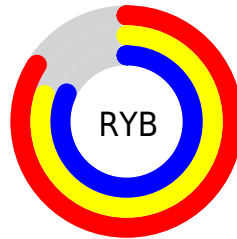
The XYZ color **60.7096, 62.0359, 68.4489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5836, 65.5853, 70.4421**, and the grayscale version is **59.5935, 62.6970, 68.2770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0372, 31.5167, 35.0193** is the 20% darker color. If you saturate the color by 10%, you get **54.4521, 51.9478, 58.8797**, and if you desaturate by 10%, it is **67.7975, 73.5783, 78.9279**.

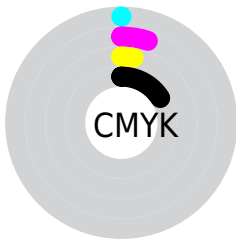
Distribution



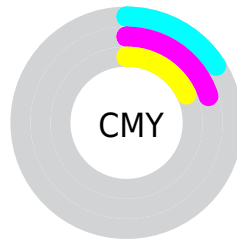
- Red (84%)
- Green (80%)
- Blue (82%)



- Red (84%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7096, 62.0359, 68.4489 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 60.7096, 62.0359, 68.4489 by changing the saturation by 10% instead.

■ 60.7096, 62.0359,
68.4489

■ 60.7096, 62.0359,
68.4489

417.0014,
432.0620, 473.7260

■ 44.2425, 45.0617,
49.7941

104.9588,
107.7774, 118.6544

■ 31.0599, 31.5060,
34.8798

133.4717,
137.3135, 151.0421

■ 20.7965, 20.9845,
23.2875

166.7305,
171.8057, 188.8445

■ 13.0870, 13.1127,
14.5986

205.1006,
211.6384, 232.4802

■ 7.5659, 7.5062,
8.3947

248.9474,
257.1960, 282.3676

■ 3.8679, 3.7806,
4.2571

298.6362,

■ 1.6277, 1.5516,

308.8629, 338.9254

1.7674

354.5324,
367.0234, 402.5720

■ 0.4103, 0.3246,
0.4064

■ 0.0000, 0.0000,
0.0000

■ 60.7096, 62.0359,
68.4489

■ 60.7096, 62.0359,
68.4489

■ 54.4521, 51.9478,
58.8797

■ 67.7975, 73.5783,
78.9279

■ 48.9884, 43.2480,
50.1910

■ 75.7401, 86.6216,
90.3368

■ 44.2869, 35.8776,
42.3576

■ 80.2088, 92.5031,
101.2476

■ 40.3118, 29.7701,
35.3513

■ 81.5420, 93.0364,
108.2678

■ 37.0242, 24.8534,
29.1426

■ 34.3815, 21.0477,
23.6997

■ 32.3360, 18.2638,
18.9883

■ 30.8328, 16.3982,
14.9706

■ 29.8056, 15.3248,
11.6041

Harmonies

Analogous

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



60.3143, 62.0359, 70.8535



60.7096, 62.0359, 68.4489



60.6333, 62.0359, 65.8623

Triad

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



60.7096, 62.0359, 68.4489



58.3722, 62.0359, 62.9181



57.8342, 62.0359, 71.4599

Complementary

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



60.7096, 62.0359, 68.4489



60.5836, 65.5853, 70.4421

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.



57.3242, 62.0359, 69.2592



60.7096, 62.0359, 68.4489



57.6326, 62.0359, 64.3441

Square

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



60.7096, 62.0359, 68.4489



59.2775, 62.0359, 62.7138



57.2507, 62.0359, 66.6522



58.6501, 62.0359, 72.6214

Rectangle

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



60.7096, 62.0359, 68.4489



60.3255, 62.0359, 64.3807



57.2507, 62.0359, 66.6522



57.6217, 62.0359, 70.8145

Sweetspot

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



60.7114, 62.0386, 68.4502



93.9964, 98.2856, 107.3380



60.3110, 61.7453, 72.3586



20.1302, 21.0552, 22.9912



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.



60.7114, 62.0386, 68.4502



88.9183, 90.0463, 99.7356



60.4641, 62.3211, 65.9722



13.0228, 13.1416, 14.5772



17.8146, 9.0622, 6.3278



1.1148, 0.5627, 0.5938

Inverse Universe

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



60.7114, 62.0386, 68.4502



88.9183, 90.0463, 99.7356



60.8357, 65.2826, 73.0137



13.0228, 13.1416, 14.5772



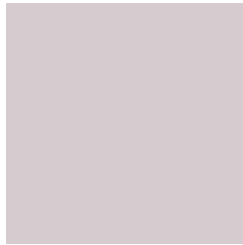
17.8146, 9.0622, 6.3278



1.1148, 0.5627, 0.5938

Previews

White Background



This preview shows how the XYZ color 60.7096, 62.0359, 68.4489 looks on a white background.

Color Contrast Check

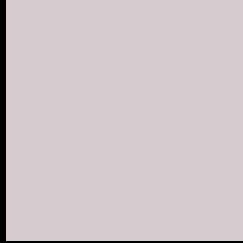
Large Text (above 18pt) WCAG AA × Fail

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 60.7096, 62.0359, 68.4489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

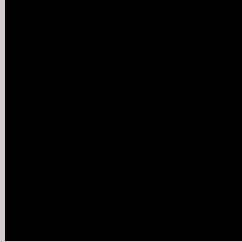
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

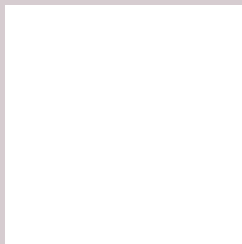
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7096, 62.0359, 68.4489

Background



This preview shows how black text looks on a background with the XYZ color 60.7096, 62.0359, 68.4489.

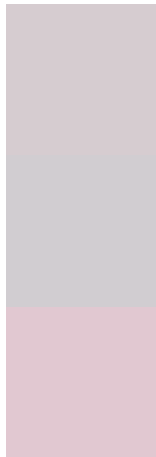


This preview shows how white text looks on a background with the XYZ color 60.7096, 62.0359,

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

60.7096, 62.0359, 68.4489

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

63.2142, 61.9196, 68.9415



Tritanopia

62.0943, 61.9019, 75.0052

Trichromacy



Original Color

60.7096, 62.0359, 68.4489

Protanomaly

60.2039, 62.1150, 69.1379

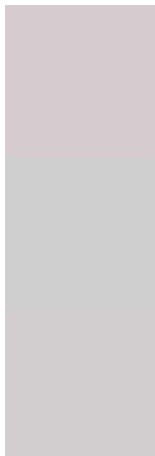
Deuteranomaly

62.2141, 61.7489, 68.9613

Tritanomaly

61.5179, 62.0140, 72.3459

Monochromacy



Original Color

60.7096, 62.0359, 68.4489

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9121, 62.3492, 67.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7096, 62.0359, 68.4489 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(214, 204, 208) looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 208)  
}
```

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(214, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.7096, 62.0359, 68.4489 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(214, 204, 208) }
```


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

```
.border{ border-color:rgb(214, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(214, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7096, 62.0359, 68.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 208) }
```

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

```
.background{ background-color: rgb(214,  
204, 208) }
```

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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