

Converting Colors

XYZ(60.9287, 61.8984, 68.6652)

Have a look what the booklet for
XYZ(60.9287, 61.8984, 68.6652)
contains.

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Color

**XYZ(60.7654, 61.7130,
68.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBD0
RGB	215, 203, 208
RGB Percent	84%, 80%, 82%
CMY	0.1569, 0.2039, 0.1843
CMYK	0.00, 0.06, 0.03, 0.16
HSL	335°, 13%, 82%
HSV	335°, 6%, 84%
XYZ	60.7654, 61.7130, 68.3836
YIQ	207.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

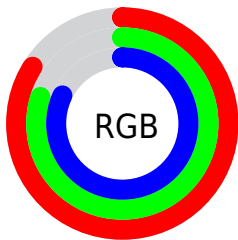
Format	Color
R _Y B	215, 203, 208
Decimal	14142416
CIE Lab	82.76, 5.04, -1.00
CIE LCh	83, 5.140, 348.802
Yxy	61.7130, 0.3184, 0.3233
Android (android.graphics.Color)	4292332496 (0xFFD7CBD0)
YUV	207.1580, 0.4151, 6.8774
Hunter-Lab	78.5576, 0.5964, 3.3790

Details

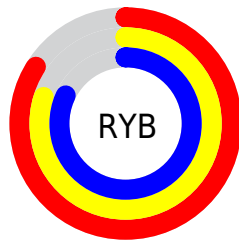
The XYZ color **60.7654, 61.7130, 68.3836** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5642, 65.9521, 70.5139**, and the grayscale version is **59.4064, 62.5001, 68.0626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0774, 31.3016, 34.9757** is the 20% darker color. If you saturate the color by 10%, you get **54.5534, 51.6615, 58.9968**, and if you desaturate by 10%, it is **67.8072, 73.2269, 78.6509**.

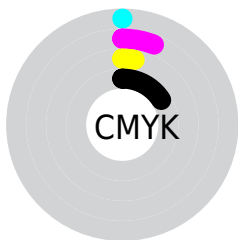
Distribution



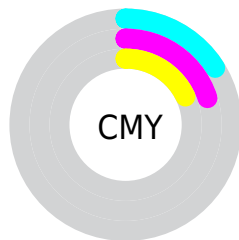
- Red (84%)
- Green (80%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7654, 61.7130, 68.3836 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 60.7654, 61.7130, 68.3836 by changing the saturation by 10% instead.

■ 60.7654, 61.7130,
68.3836

■ 60.7654, 61.7130,
68.3836

417.2030,
430.8834, 473.4889

■ 44.2877, 44.8008,
49.7412

105.0392,
107.3106, 118.5601

■ 31.0956, 31.3006,
34.8381

133.5660,
136.7649, 150.9314

■ 20.8239, 20.8278,
23.2556

166.8399,
171.1686, 188.7160

■ 13.1070, 12.9982,
14.5753

205.2262,
210.9062, 232.3326

■ 7.5798, 7.4273,
8.3786

249.0904,
256.3621, 282.1996

■ 3.8768, 3.7308,
4.2469

298.7976,

■ 1.6327, 1.5241,

307.9207, 338.7356

1.7617

354.7134,
365.9663, 402.3592

■ 0.4136, 0.3056,
0.4025

■ 0.0000, 0.0000,
0.0000

■ 60.7654, 61.7130,
68.3836

■ 60.7654, 61.7130,
68.3836

■ 54.5534, 51.6615,
58.9968

■ 67.8072, 73.2269,
78.6509

■ 49.1342, 43.0057,
50.4621

■ 75.7033, 86.2505,
89.8180

■ 44.4760, 35.6855,
42.7553

■ 80.3637, 92.5989,
100.5354

■ 40.5425, 29.6333,
35.8492

■ 81.8347, 93.1872,
108.2815

■ 37.2945, 24.7757,
29.7154

■ 34.6886, 21.0314,
24.3232

■ 32.6766, 18.3090,
19.6393

■ 31.2023, 16.5024,
15.6271

■ 30.1976, 15.4815,
12.2450

Harmonies

Analogous

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



60.2696, 61.7130, 71.2831



60.7654, 61.7130, 68.3836



60.6908, 61.7130, 65.2528

Triad

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



60.7654, 61.7130, 68.3836



57.9742, 61.7130, 61.5977



57.2680, 61.7130, 71.8783

Complementary

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



60.7654, 61.7130, 68.3836



60.5642, 65.9521, 70.5139

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.



56.6679, 61.7130, 69.1753



60.7654, 61.7130, 68.3836



57.0721, 61.7130, 63.2662

Square

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



60.7654, 61.7130, 68.3836



59.0699, 61.7130, 61.4008



56.5967, 61.7130, 66.0202



58.2447, 61.7130, 73.3426

Rectangle

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



60.7654, 61.7130, 68.3836



60.3278, 61.7130, 63.4536



56.5967, 61.7130, 66.0202



57.0161, 61.7130, 71.0806

Sweetspot

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



60.7672, 61.7157, 68.3849



92.9690, 96.5989, 105.8609



60.2022, 61.3227, 72.9542



19.9210, 20.7118, 22.6906



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.



60.7672, 61.7157, 68.3849



87.9857, 88.4825, 98.4954



60.3988, 61.9473, 65.2768



12.8963, 12.9286, 14.4123



17.9043, 9.0980, 6.8002



1.1206, 0.5650, 0.6246

Inverse Universe

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



60.7672, 61.7157, 68.3849



87.9857, 88.4825, 98.4954



60.9428, 65.6975, 73.7596



12.8963, 12.9286, 14.4123



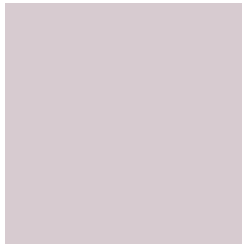
17.9043, 9.0980, 6.8002



1.1206, 0.5650, 0.6246

Previews

White Background



This preview shows how the XYZ color 60.7654, 61.7130, 68.3836 looks on a white background.

Color Contrast Check

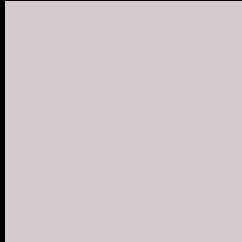
Large Text (above 18pt) WCAG AA × Fail

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 60.7654, 61.7130, 68.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

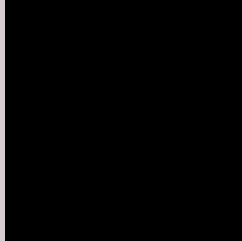
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7654, 61.7130, 68.3836

Background



This preview shows how black text looks on a background with the XYZ color 60.7654, 61.7130, 68.3836.



This preview shows how white text looks on a background with the XYZ color 60.7654, 61.7130,

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

60.7654, 61.7130, 68.3836

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

63.2142, 61.9196, 68.9415



Tritanopia

61.9638, 61.8497, 74.3180

Trichromacy



Original Color

60.7654, 61.7130, 68.3836

Protanomaly

59.9655, 61.6381, 69.0584

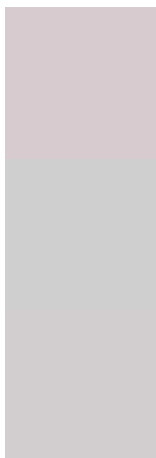
Deuteranomaly

62.2141, 61.7489, 68.9613

Tritanomaly

61.5770, 61.6950, 72.2812

Monochromacy



Original Color

60.7654, 61.7130, 68.3836

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 60.7654, 61.7130, 68.3836 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(215, 203, 208) looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 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(215, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.7654, 61.7130, 68.3836 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(215, 203, 208) }
```


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

```
.border{ border-color:rgb(215, 203, 208) }
```

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

Here you see how a box with a 4 pixel rgb(215, 203, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7654, 61.7130, 68.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 208) }
```

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

```
.background{ background-color: rgb(215,  
203, 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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