

Converting Colors

XYZ(60.8233, 61.3754, 84.9848)

Have a look what the booklet for
XYZ(60.8233, 61.3754, 84.9848)
contains.

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Color

**XYZ(60.8233, 61.3754,
84.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCBE8
RGB	204, 203, 232
RGB Percent	80%, 80%, 91%
CMY	0.2000, 0.2039, 0.0902
CMYK	0.12, 0.12, 0.00, 0.09
HSL	242°, 39%, 85%
HSV	242°, 12%, 91%
XYZ	60.8233, 61.3754, 84.9848
YIQ	206.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

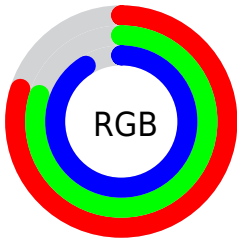
Format	Color
R_{YB}	204, 203, 232
Decimal	13421544
CIE Lab	82.58, 5.96, -14.18
CIE LCh	83, 15.378, 292.788
Yxy	61.3754, 0.2936, 0.2962
Android (android.graphics.Color)	4291611624 (0xFFCCCCBE8)
YUV	206.6050, 12.5197, -2.2846
Hunter-Lab	78.3425, 1.4840, -9.4772

Details

The XYZ color **60.8233, 61.3754, 84.9848** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.5931, 79.0154, 67.9282**, and the grayscale version is **58.9818, 62.0534, 67.5762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1616, 31.1135, 45.4374** is the 20% darker color. If you saturate the color by 10%, you get **50.0447, 48.2864, 83.0274**, and if you desaturate by 10%, it is **73.3086, 76.5645, 87.2595**.

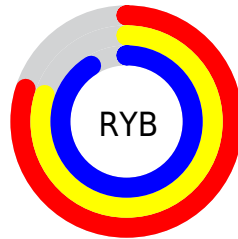
Distribution



Red (80%)

Green (80%)

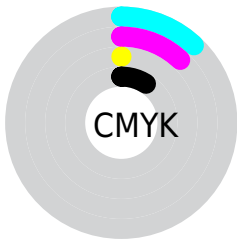
Blue (91%)



Red (80%)

Yellow (80%)

Blue (91%)

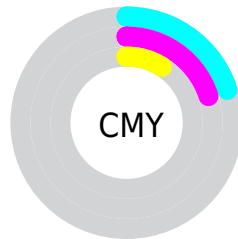


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (20%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8233, 61.3754, 84.9848 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 60.8233, 61.3754, 84.9848 by changing the saturation by 10% instead.

■ 60.8233, 61.3754,
84.9848

■ 60.8233, 61.3754,
84.9848

417.4121,
429.6491, 531.7210

■ 44.3346, 44.5282,
63.2787

105.1226,
106.8223, 142.2259

■ 31.1327, 31.0860,
45.6243

133.6639,
136.1908, 178.5981

■ 20.8522, 20.6643,
31.6029

166.9534,
170.5018, 220.6960

■ 13.1279, 12.8789,
20.7961

205.3566,
210.1398, 268.9382

■ 7.5943, 7.3452,
12.7852

249.2386,
255.4891, 323.7433

■ 3.8860, 3.6789,
7.1518

298.9650,

■ 1.6379, 1.4956,

306.9342, 385.5297

3.4774

354.9010,
364.8594, 454.7162

■ 0.4169, 0.2856,
1.3432

■ 0.0000, 0.0000,
0.0968

■ 60.8233, 61.3754,
84.9848

■ 60.8233, 61.3754,
84.9848

■ 50.0447, 48.2864,
83.0274

■ 73.3086, 76.5645,
87.2595

■ 40.8933, 37.1978,
81.3694

■ 87.5643, 93.9322,
89.8605

■ 33.2919, 28.0134,
79.9973

■ 91.5657, 98.6063,
90.5517

■ 27.1546, 20.6262,
78.8949

■ 22.3872, 14.9183,
78.0444

■ 18.8845, 10.7579,
77.4260

■ 16.5260, 7.9937,
77.0168

■ 15.1681, 6.4438,
76.7892

■ 14.6656, 5.8778,
76.7064

Harmonies

Analogous

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



57.5440, 61.3754, 86.4872



60.8233, 61.3754, 84.9848



63.5266, 61.3754, 78.4087

Triad

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



60.8233, 61.3754, 84.9848



62.2504, 61.3754, 53.3969



52.2747, 61.3754, 64.5760

Complementary

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



60.8233, 61.3754, 84.9848



72.5931, 79.0154, 67.9282

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.



53.4352, 61.3754, 56.4466



60.8233, 61.3754, 84.9848



59.1342, 61.3754, 50.3984

Square

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



60.8233, 61.3754, 84.9848



64.3719, 61.3754, 60.0447



55.9164, 61.3754, 51.4600



52.6888, 61.3754, 74.1025

Rectangle

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



60.8233, 61.3754, 84.9848



64.5972, 61.3754, 72.3399



55.9164, 61.3754, 51.4600



52.4921, 61.3754, 61.6023

Sweetspot

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



60.8251, 61.3780, 84.9862



88.3508, 91.8435, 107.6787



67.7811, 75.6947, 87.3829



18.6495, 19.3404, 23.0001



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.



60.8251, 61.3780, 84.9862



71.7317, 71.6326, 104.6535



64.9767, 63.5182, 85.1805



13.6285, 13.9107, 18.1111



8.1631, 3.2741, 42.5849



0.6195, 0.2503, 3.1476

Inverse Universe

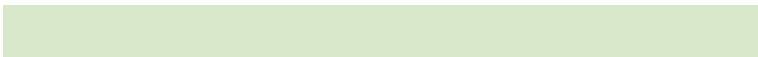
The Inverse Universe completely reimagines the original color for something new.



69.0604, 65.6397, 84.6337



83.8272, 77.8924, 104.1172



68.1146, 76.7067, 67.7186



14.9726, 14.6062, 18.0559



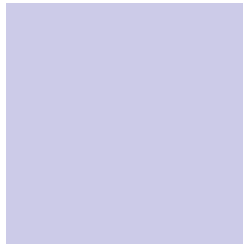
25.9558, 12.5165, 40.2578



1.9248, 0.9276, 3.0105

Previews

White Background



This preview shows how the XYZ color 60.8233, 61.3754, 84.9848 looks on a white background.

Color Contrast Check

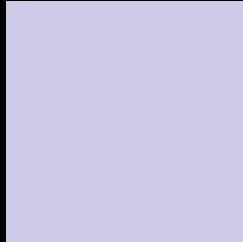
Large Text (above 18pt) WCAG AA × Fail

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 60.8233, 61.3754, 84.9848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

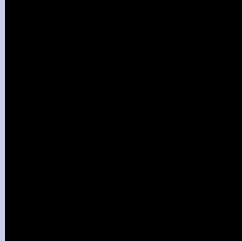
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8233, 61.3754, 84.9848

Background



This preview shows how black text looks on a background with the XYZ color 60.8233, 61.3754, 84.9848.



This preview shows how white text looks on a background with the XYZ color 60.8233, 61.3754,

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

60.8233, 61.3754, 84.9848

Protanopia

60.3882, 61.4864, 85.7761

Deuteranopia

62.8028, 61.3379, 85.6201



Tritanopia

59.2396, 61.4397, 77.1434

Trichromacy



Original Color

60.8233, 61.3754, 84.9848

Protanomaly

60.6580, 61.6255, 85.7887

Deuteranomaly

62.1730, 61.3581, 85.6572

Tritanomaly

59.8121, 61.3185, 79.9174

Monochromacy



Original Color

60.8233, 61.3754, 84.9848

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9196, 62.2223, 73.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8233, 61.3754, 84.9848 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(204, 203, 232) looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 232)  
}
```

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(204, 203, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.8233, 61.3754, 84.9848 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(204, 203, 232) }
```


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

```
.border{ border-color:rgb(204, 203, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 203, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 232);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8233, 61.3754, 84.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 232) }
```

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

```
.background{ background-color: rgb(204,  
203, 232) }
```

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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