

Converting Colors

XYZ(60.0930, 58.2663, 84.4232)

Have a look what the booklet for
XYZ(60.0930, 58.2663, 84.4232)
contains.

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Color

**XYZ(60.0930, 58.2663,
84.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C3E8
RGB	208, 195, 232
RGB Percent	82%, 76%, 91%
CMY	0.1843, 0.2353, 0.0902
CMYK	0.10, 0.16, 0.00, 0.09
HSL	261°, 45%, 84%
HSV	261°, 16%, 91%
XYZ	60.0930, 58.2663, 84.4232
YIQ	203.1050, -4.1290, 14.2630

Conversions

Conversions Part 2

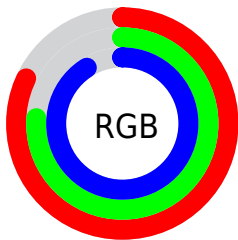
Format	Color
RYB	208, 195, 232
Decimal	13681640
CIELab	80.89, 11.52, -16.69
CIELCh	81, 20.284, 304.624
Yxy	58.2663, 0.2963, 0.2873
Android (android.graphics.Color)	4291871720 (0xFFD0C3E8)
YUV	203.1050, 14.2452, 4.2929
Hunter-Lab	76.3324, 6.9433, -12.1418

Details

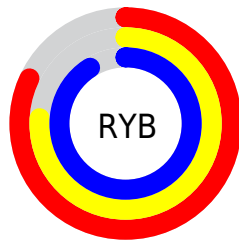
The XYZ color **60.0930, 58.2663, 84.4232** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.9224, 76.7149, 62.8601**, and the grayscale version is **56.7474, 59.7027, 65.0162**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.4982, 28.9566, 45.0561** is the 20% darker color. If you saturate the color by 10%, you get **51.2611, 46.5881, 82.6355**, and if you desaturate by 10%, it is **70.1375, 71.7715, 86.5015**.

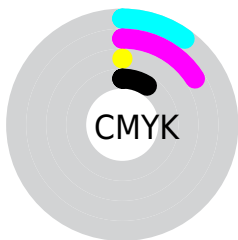
Distribution



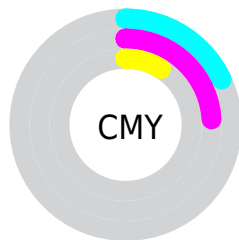
- Red (82%)
- Green (76%)
- Blue (91%)



- Red (82%)
- Yellow (76%)
- Blue (91%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0930, 58.2663, 84.4232 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 60.0930, 58.2663, 84.4232 by changing the saturation by 10% instead.

60.0930, 58.2663,
84.4232

60.0930, 58.2663,
84.4232

414.7697,
418.1775, 529.8122

43.7433, 42.0228,
62.8175

104.0701,
102.3106, 141.4340

30.6658, 29.1191,
45.2535

132.4283,
130.8801, 177.6762

20.4951, 19.1710,
31.3128

165.5201,
164.3270, 219.6343

12.8658, 11.7939,
20.5767

203.7108,
203.0359, 267.7268

7.4126, 6.6035,
12.6267

247.3657,
247.3909, 322.3724

3.7700, 3.2154,
7.0443

296.8503,

1.5729, 1.2452,

297.7766, 383.9894

3.4110

352.5298,
354.5773, 452.9965

■ 0.3746, 0.0982,
1.3081

■ 0.0000, 0.0000,
0.0684

■ 60.0930, 58.2663,
84.4232

■ 60.0930, 58.2663,
84.4232

■ 51.2611, 46.5881,
82.6355

■ 70.1375, 71.7715,
86.5015

■ 43.5884, 36.6496,
81.1216

■ 81.4349, 87.1715,
88.8785

■ 37.0247, 28.3671,
79.8688

■ 90.8887, 98.2573,
90.5200

■ 31.5143, 21.6467,
78.8621

■ 91.5657, 98.6063,
90.5517

■ 26.9959, 16.3853,
78.0847

■ 23.4014, 12.4665,
77.5177

■ 20.6525, 9.7553,
77.1393

■ 18.6549, 8.0858,
76.9223

■ 18.0024, 7.5980,
76.8626

Harmonies

Analogous

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



56.0334, 58.2663, 89.3777



60.0930, 58.2663, 84.4232



62.9959, 58.2663, 73.8707

Triad

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



60.0930, 58.2663, 84.4232



58.9111, 58.2663, 44.7686



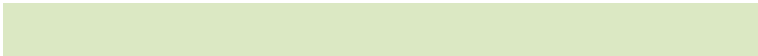
47.7203, 58.2663, 65.3233

Complementary

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



60.0930, 58.2663, 84.4232



67.9224, 76.7149, 62.8601

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.



48.4048, 58.2663, 54.0443



60.0930, 58.2663, 84.4232



54.7324, 58.2663, 43.0824

Square

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



60.0930, 58.2663, 84.4232



62.2897, 58.2663, 51.1963



50.9208, 58.2663, 46.2615



49.0019, 58.2663, 77.4998

Rectangle

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



60.0930, 58.2663, 84.4232



63.8091, 58.2663, 65.6322



50.9208, 58.2663, 46.2615



47.7286, 58.2663, 61.3013

Sweetspot

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



60.0948, 58.2687, 84.4245



88.1389, 90.5981, 107.4495



62.4177, 68.1194, 86.2034



18.6643, 19.1192, 22.9566



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.



60.0948, 58.2687, 84.4245



70.8616, 67.4067, 103.8837



65.5877, 61.1005, 84.6816



14.0581, 14.1322, 18.1312



10.1175, 4.2817, 42.6764



0.8454, 0.3668, 3.1582

Inverse Universe

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



65.5820, 61.3030, 75.3967



78.8735, 71.8397, 90.5822



62.6755, 74.0101, 62.6146



14.7688, 14.5247, 16.9830



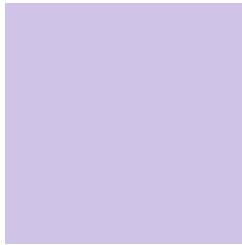
21.6153, 10.7803, 17.4010



1.6409, 0.8141, 1.5156

Previews

White Background



This preview shows how the XYZ color 60.0930, 58.2663, 84.4232 looks on a white background.

Color Contrast Check

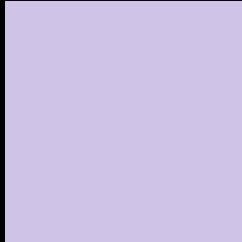
Large Text (above 18pt) WCAG AA × Fail

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 60.0930, 58.2663, 84.4232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

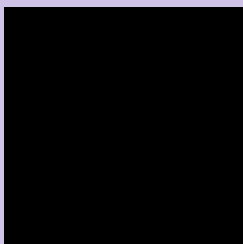
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0930, 58.2663, 84.4232

Background



This preview shows how black text looks on a background with the XYZ color 60.0930, 58.2663, 84.4232.



This preview shows how white text looks on a background with the XYZ color 60.0930, 58.2663,

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

60.0930, 58.2663, 84.4232

Protanopia

57.6670, 58.3143, 86.8137

Deuteranopia

59.7590, 58.4279, 84.4720



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

60.0930, 58.2663, 84.4232

Protanomaly

58.5986, 58.4708, 86.0394

Deuteranomaly

60.0375, 58.5714, 84.4850

Tritanomaly

58.4710, 58.2748, 76.5730

Monochromacy



Original Color

60.0930, 58.2663, 84.4232

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9687, 59.1427, 71.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0930, 58.2663, 84.4232 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(208, 195, 232)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 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(208, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.0930, 58.2663, 84.4232 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(208, 195, 232) }
```


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

```
.border{ border-color:rgb(208, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 232);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0930, 58.2663, 84.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 232) }
```

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

```
.background{ background-color: rgb(208,  
195, 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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