

Converting Colors

XYZ(54.6600, 56.5308, 66.4232)

Have a look what the booklet for
XYZ(54.6600, 56.5308, 66.4232)
contains.

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Color

**XYZ(54.6600, 56.5308,
66.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C5CE
RGB	199, 197, 206
RGB Percent	78%, 77%, 81%
CMY	0.2196, 0.2274, 0.1922
CMYK	0.03, 0.04, 0.00, 0.19
HSL	253°, 8%, 79%
HSV	253°, 4%, 81%
XYZ	54.6600, 56.5308, 66.4232
YIQ	198.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

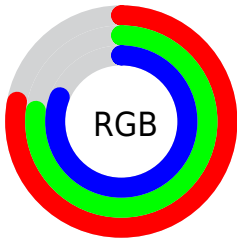
Format	Color
R_{YB}	199, 197, 206
Decimal	13092302
CIE Lab	79.91, 2.37, -4.25
CIE LCh	80, 4.867, 299.131
Yxy	56.5308, 0.3077, 0.3183
Android (android.graphics.Color)	4291282382 (0xFFC7C5CE)
YUV	198.6240, 3.6364, 0.3298
Hunter-Lab	75.1870, -1.8099, 0.2517

Details

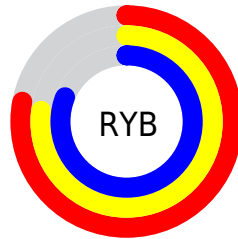
The XYZ color **54.6600, 56.5308, 66.4232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0533, 61.0127, 61.5957**, and the grayscale version is **54.0370, 56.8512, 61.9109**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.1670, 27.9317, 33.6653** is the 20% darker color. If you saturate the color by 10%, you get **46.2677, 45.7299, 64.7816**, and if you desaturate by 10%, it is **64.1427, 68.8459, 68.3013**.

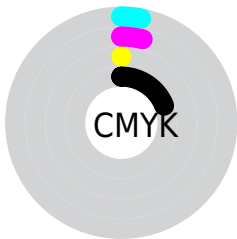
Distribution



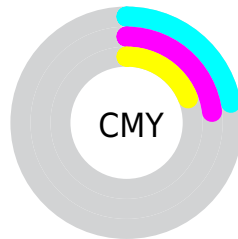
- Red (78%)
- Green (77%)
- Blue (81%)



- Red (78%)
- Yellow (77%)
- Blue (81%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6600, 56.5308, 66.4232 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 54.6600, 56.5308, 66.4232 by changing the saturation by 10% instead.

■ 54.6600, 56.5308,
66.4232

■ 54.6600, 56.5308,
66.4232

394.7792,
411.6888, 466.3343

■ 39.3623, 40.6287,
48.1574

96.1939, 99.7802,
115.7263

■ 27.2237, 28.0290,
33.5907

123.1608,
127.8963, 147.6007

■ 17.8788, 18.3476,
22.3045

154.7481,
160.8525, 184.8483

■ 10.9621, 11.1998,
13.8804

191.3213,
199.0332, 227.8878

■ 6.1085, 6.2014,
7.8997

233.2456,
242.8228, 277.1375

■ 2.9524, 2.9679,
3.9440

280.8865,

■ 1.1287, 1.1150,

292.6056, 333.0162

1.5947

334.6092,
348.7662, 395.9423

■ 0.0489, 0.0000,
0.2870

■ 0.0000, 0.0000,
0.0000

■ 54.6600, 56.5308,
66.4232

■ 54.6600, 56.5308,
66.4232

■ 46.2677, 45.7299,
64.7816

■ 64.1427, 68.8459,
68.3013

■ 38.9213, 36.3772,
63.3635

■ 74.7484, 82.7232,
70.4209

■ 32.5805, 28.4127,
62.1604

■ 85.2885, 95.7659,
72.3829

■ 27.2004, 21.7694,
61.1617

■ 88.1407, 97.2363,
72.5164

■ 22.7327, 16.3746,
60.3559

■ 19.1245, 12.1484,
59.7303

■ 16.3174, 9.0016,
59.2709

■ 14.2451, 6.8316,
58.9612

■ 12.8294, 5.5149,
58.7817

Harmonies

Analogous

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



53.7021, 56.5308, 67.1485



54.6600, 56.5308, 66.4232



55.3763, 56.5308, 64.3834

Triad

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



54.6600, 56.5308, 66.4232



54.7104, 56.5308, 57.0041



51.8555, 56.5308, 61.4700

Complementary

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



54.6600, 56.5308, 66.4232



57.0533, 61.0127, 61.5957

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.



52.1183, 56.5308, 58.8057



54.6600, 56.5308, 66.4232



53.7596, 56.5308, 56.2763

Square

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



54.6600, 56.5308, 66.4232



55.4057, 56.5308, 58.9443



52.8122, 56.5308, 56.9258



52.0901, 56.5308, 64.2364

Rectangle

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



54.6600, 56.5308, 66.4232



55.6162, 56.5308, 62.5830



52.8122, 56.5308, 56.9258



51.8885, 56.5308, 60.5332

Sweetspot

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



54.6616, 56.5332, 66.4244



93.5157, 98.0094, 108.5966



55.7732, 59.5377, 66.9458



20.0324, 20.9990, 23.2473



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.



54.6616, 56.5332, 66.4244



87.5607, 90.3000, 107.4225



55.8600, 57.1510, 66.4805



11.5254, 11.8577, 14.2517



7.6154, 3.1334, 36.1597



0.4602, 0.1963, 1.8686

Inverse Universe

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



56.3209, 57.4165, 65.2436



90.6643, 91.9523, 105.2069



55.8506, 60.3927, 61.5394



11.9829, 12.1012, 13.9243



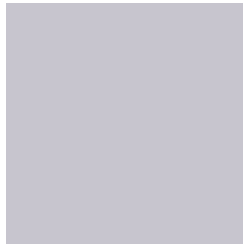
19.6334, 9.6639, 21.5858



1.0399, 0.5094, 1.2558

Previews

White Background



This preview shows how the XYZ color 54.6600, 56.5308, 66.4232 looks on a white background.

Color Contrast Check

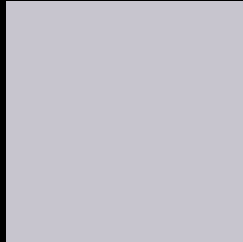
Large Text (above 18pt) WCAG AA × Fail

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 54.6600, 56.5308, 66.4232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

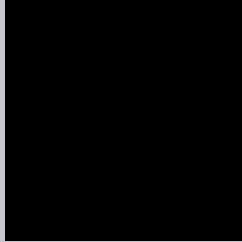
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6600, 56.5308, 66.4232

Background



This preview shows how black text looks on a background with the XYZ color 54.6600, 56.5308, 66.4232.

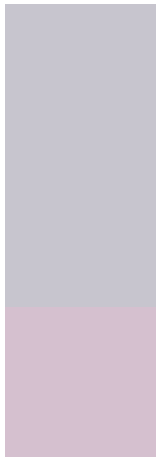


This preview shows how white text looks on a background with the XYZ color 54.6600, 56.5308,

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

54.6600, 56.5308, 66.4232

Protanopia

54.6600, 56.5308, 66.4232

Deuteranopia

57.5527, 56.3504, 66.8748



Tritanopia

55.4430, 56.5127, 70.2732

Trichromacy



Original Color

54.6600, 56.5308, 66.4232

Protanomaly

54.6600, 56.5308, 66.4232

Deuteranomaly

56.5667, 56.4985, 66.9554

Tritanomaly

55.1922, 56.4124, 68.9525

Monochromacy



Original Color

54.6600, 56.5308, 66.4232

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4079, 56.7945, 63.9720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6600, 56.5308, 66.4232 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(199, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 206)  
}
```

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(199, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.6600, 56.5308, 66.4232 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(199, 197, 206) }
```


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

```
.border{ border-color:rgb(199, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6600, 56.5308, 66.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 206) }
```

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

```
.background{ background-color: rgb(199,  
197, 206) }
```

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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