

Converting Colors

XYZ(52.6443, 54.9405, 66.0262)

Have a look what the booklet for
XYZ(52.6443, 54.9405, 66.0262)
contains.

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Color

**XYZ(52.6480, 54.8239,
66.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C3CE
RGB	193, 195, 206
RGB Percent	76%, 76%, 81%
CMY	0.2431, 0.2353, 0.1922
CMYK	0.06, 0.05, 0.00, 0.19
HSL	231°, 12%, 78%
HSV	231°, 6%, 81%
XYZ	52.6480, 54.8239, 66.1997
YIQ	195.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

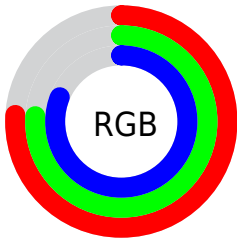
Format	Color
RYB	193, 195, 206
Decimal	12698574
CIELab	78.94, 1.41, -5.74
CIELCh	79, 5.913, 283.771
Yxy	54.8239, 0.3031, 0.3157
Android (android.graphics.Color)	4290888654 (0xFFC1C3CE)
YUV	195.6560, 5.0996, -2.3293
Hunter-Lab	74.0432, -2.6541, -1.1791

Details

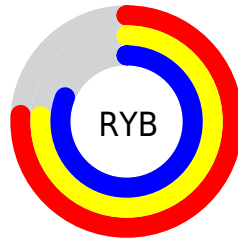
The XYZ color **52.6480, 54.8239, 66.1997** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6722, 60.1572, 59.0776**, and the grayscale version is **52.2371, 54.9575, 59.8488**.

A 20% lighter version of the original color is **91.9273, 96.9805, 108.4818**, and **25.8398, 26.8057, 33.5179** is the 20% darker color. If you saturate the color by 10%, you get **44.0789, 44.9457, 64.7455**, and if you desaturate by 10%, it is **62.4075, 65.9952, 67.8424**.

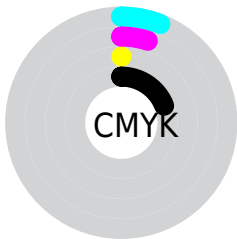
Distribution



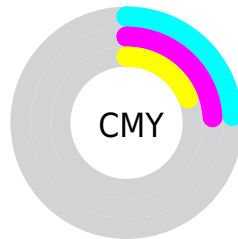
- Red (76%)
- Green (76%)
- Blue (81%)



- Red (76%)
- Yellow (76%)
- Blue (81%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6480, 54.8239, 66.1997 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 52.6480, 54.8239, 66.1997 by changing the saturation by 10% instead.

■ 52.6480, 54.8239,
66.1997

■ 52.6480, 54.8239,
66.1997

387.2162,
405.2441, 465.5144

■ 37.7482, 39.2607,
47.9770

■ 93.2548, 97.2829,
115.4026

■ 25.9636, 26.9626,
33.4488

119.6925,
124.9475, 147.2200

■ 16.9290, 17.5452,
22.1966

150.7068,
157.4148, 184.4060

■ 10.2789, 10.6239,
13.8017

186.6632,
195.0690, 227.3792

■ 5.6479, 5.8146,
7.8457

227.9270,
238.2947, 276.5580

■ 2.6708, 2.7327,
3.9100

274.8635,

■ 0.9822, 0.9938,

287.4762, 332.3612

1.5761

327.8381,
342.9978, 395.2071

■ 0.0000, 0.0000,
0.2737

■ 0.0000, 0.0000,
0.0000

■ 52.6480, 54.8239,
66.1997

■ 52.6480, 54.8239,
66.1997

■ 44.0789, 44.9457,
64.7455

■ 62.4075, 65.9952,
67.8424

■ 36.6497, 36.3070,
63.4696

■ 73.3957, 78.4968,
69.6764

■ 30.3134, 28.8605,
62.3663

■ 85.6553, 92.3734,
71.7087

■ 25.0179, 22.5533,
61.4280

■ 88.1407, 97.2363,
72.5163

■ 20.7066, 17.3286,
60.6467

■ 17.3176, 13.1243,
60.0138

■ 14.7817, 9.8723,
59.5198

■ 13.0198, 7.4953,
59.1538

■ 11.9344, 5.9024,
58.9036

Harmonies

Analogous

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



51.4798, 54.8239, 66.1228



52.6480, 54.8239, 66.1997



53.6867, 54.8239, 64.4879

Triad

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



52.6480, 54.8239, 66.1997



53.7566, 54.8239, 55.3298



49.9697, 54.8239, 57.9043

Complementary

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



52.6480, 54.8239, 66.1997



56.6722, 60.1572, 59.0776

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.



50.5615, 54.8239, 55.1436



52.6480, 54.8239, 66.1997



52.7423, 54.8239, 53.6958

Square

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



52.6480, 54.8239, 66.1997



54.3332, 54.8239, 58.1672



51.5726, 54.8239, 53.6290



49.9453, 54.8239, 61.2471

Rectangle

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



52.6480, 54.8239, 66.1997



54.1610, 54.8239, 62.5987



51.5726, 54.8239, 53.6290



50.1085, 54.8239, 56.8804

Sweetspot

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



52.6496, 54.8262, 66.2009



91.8376, 96.3237, 108.3597



54.9436, 59.8326, 65.6758



19.6907, 20.6558, 23.1991



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.



52.6496, 54.8262, 66.2009



82.6788, 85.8138, 106.8138



53.3248, 54.5125, 66.1048



10.7390, 11.1184, 14.1504



7.2193, 3.4625, 36.2441



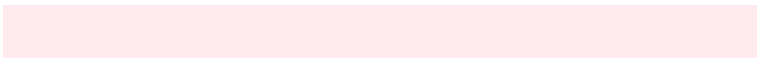
0.4179, 0.2695, 1.8849

Inverse Universe

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



54.3751, 55.2030, 59.4218



86.2288, 86.6058, 92.8631



55.9648, 60.5038, 59.1818



11.2816, 11.2414, 12.0176



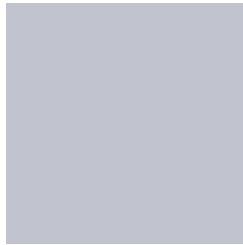
15.8549, 8.1525, 1.6884



0.8409, 0.4298, 0.2079

Previews

White Background



This preview shows how the XYZ color 52.6480, 54.8239, 66.1997 looks on a white background.

Color Contrast Check

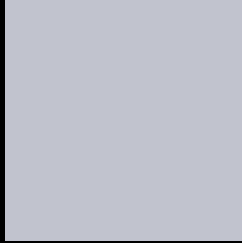
Large Text (above 18pt) WCAG AA × Fail

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 52.6480, 54.8239, 66.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

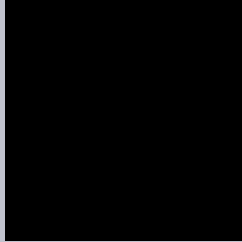
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

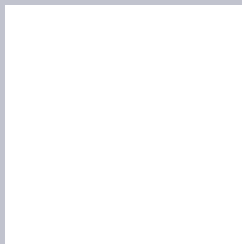
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6480, 54.8239, 66.1997

Background



This preview shows how black text looks on a background with the XYZ color 52.6480, 54.8239, 66.1997.

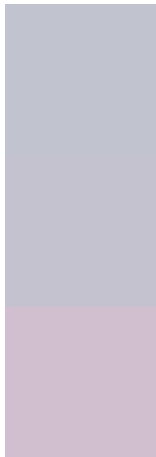


This preview shows how white text looks on a background with the XYZ color 52.6480, 54.8239,

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

52.6480, 54.8239, 66.1997

Protanopia

53.1973, 54.7756, 66.1615

Deuteranopia

55.9704, 54.8872, 66.6758



Tritanopia

53.1728, 54.7061, 68.7296

Trichromacy



Original Color

52.6480, 54.8239, 66.1997

Protanomaly

52.9380, 54.6419, 66.1493

Deuteranomaly

54.7407, 54.9008, 66.7432

Tritanomaly

53.0485, 54.6564, 68.0754

Monochromacy



Original Color

52.6480, 54.8239, 66.1997

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6709, 55.2521, 62.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6480, 54.8239, 66.1997 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(193, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 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(193, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.6480, 54.8239, 66.1997 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(193, 195, 206) }
```


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

```
.border{ border-color:rgb(193, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6480, 54.8239, 66.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 206) }
```

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

```
.background{ background-color: rgb(193,  
195, 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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