

Converting Colors

XYZ(52.7078, 54.9641, 64.0646)

Have a look what the booklet for
XYZ(52.7078, 54.9641, 64.0646)
contains.

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Color

**XYZ(52.8003, 54.9441,
64.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C3CB
RGB	195, 195, 203
RGB Percent	76%, 76%, 80%
CMY	0.2353, 0.2353, 0.2039
CMYK	0.04, 0.04, 0.00, 0.20
HSL	240°, 7%, 78%
HSV	240°, 4%, 80%
XYZ	52.8003, 54.9441, 64.3223
YIQ	195.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

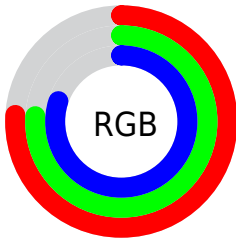
Format	Color
R_{YB}	195, 195, 203
Decimal	12829643
CIE Lab	79.01, 1.50, -4.01
CIE LCh	79, 4.279, 290.580
Yxy	54.9441, 0.3069, 0.3193
Android (android.graphics.Color)	4291019723 (0xFFC3C3CB)
YUV	195.9120, 3.4944, -0.7998
Hunter-Lab	74.1243, -2.5682, 0.4373

Details

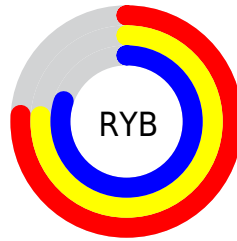
The XYZ color **52.8003, 54.9441, 64.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8350, 59.3480, 60.1432**, and the grayscale version is **52.3988, 55.1276, 60.0339**.

A 20% lighter version of the original color is **93.0053, 97.5363, 108.5322**, and **25.9342, 26.8824, 32.2557** is the 20% darker color. If you saturate the color by 10%, you get **43.6659, 43.9392, 62.6804**, and if you desaturate by 10%, it is **63.2689, 67.5571, 66.2059**.

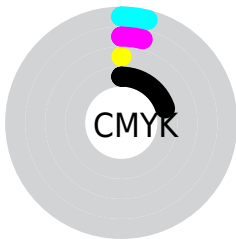
Distribution



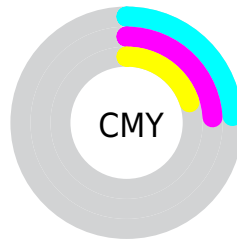
- Red (76%)
- Green (76%)
- Blue (80%)



- Red (76%)
- Yellow (76%)
- Blue (80%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8003, 54.9441, 64.3223 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 52.8003, 54.9441, 64.3223 by changing the saturation by 10% instead.

■ 52.8003, 54.9441,
64.3223

■ 52.8003, 54.9441,
64.3223

387.7919,
405.7000, 458.5920

■ 37.8702, 39.3570,
46.4639

■ 93.4777, 97.4590,
112.6789

■ 26.0587, 27.0375,
32.2608

119.9557,
125.1557, 144.0142

■ 17.0005, 17.6014,
21.2943

151.0138,
157.6575, 180.6789

■ 10.3301, 10.6642,
13.1459

187.0172,
195.3491, 223.0915

■ 5.6823, 5.8415,
7.3972

228.3314,
238.6147, 271.6706

■ 2.6917, 2.7490,
3.6295

275.3217,

■ 0.9929, 1.0021,

287.8388, 326.8346

1.4244

328.3534,
343.4058, 389.0023

■ 0.0000, 0.0000,
0.1606

■ 0.0000, 0.0000,
0.0000

■ 52.8003, 54.9441,
64.3223

■ 52.8003, 54.9441,
64.3223

■ 43.6659, 43.9392,
62.6804

■ 63.2689, 67.5571,
66.2059

■ 35.8075, 34.4711,
61.2671

■ 75.1172, 81.8318,
68.3367

■ 29.1699, 26.4737,
60.0732

■ 87.7796, 97.0919,
70.6149

■ 23.6918, 19.8731,
59.0879

■ 19.3067, 14.5892,
58.2992

■ 15.9414, 10.5339,
57.6938

■ 13.5137, 7.6082,
57.2570

■ 11.9287, 5.6977,
56.9718

■ 11.0715, 4.6642,
56.8175

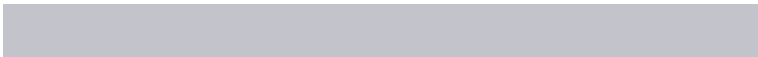
Harmonies

Analogous

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



51.9552, 54.9441, 64.5703



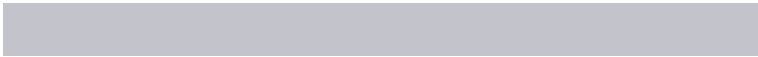
52.8003, 54.9441, 64.3223



53.4976, 54.9441, 62.8516

Triad

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



52.8003, 54.9441, 64.3223



53.2692, 54.9441, 56.2755



50.6243, 54.9441, 59.0607

Complementary

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



52.8003, 54.9441, 64.3223



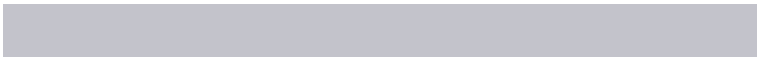
55.8350, 59.3480, 60.1432

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.



50.9682, 54.9441, 56.8967



52.8003, 54.9441, 64.3223



52.4911, 54.9441, 55.3177

Square

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



52.8003, 54.9441, 64.3223



53.7704, 54.9441, 58.1918



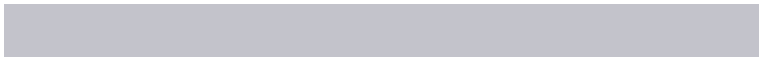
51.6494, 54.9441, 55.5420



50.7050, 54.9441, 61.4881

Rectangle

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



52.8003, 54.9441, 64.3223



53.7819, 54.9441, 61.3972



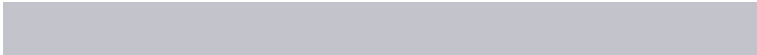
51.6494, 54.9441, 55.5420



50.6939, 54.9441, 58.2794

Sweetspot

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



52.8019, 54.9464, 64.3235



93.3102, 97.9039, 108.5871



54.6261, 58.6203, 64.8532



19.9906, 20.9776, 23.2454



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.



52.8019, 54.9464, 64.3235



86.5818, 89.7975, 107.3770



53.8133, 55.4669, 64.3707



11.3817, 11.7839, 14.2450



6.8607, 2.7453, 36.1246



0.3541, 0.1419, 1.8637

Inverse Universe

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



53.9953, 55.6680, 59.5316



89.1319, 91.3393, 97.1376



54.7957, 58.8133, 60.0948



11.7573, 12.0110, 12.7366



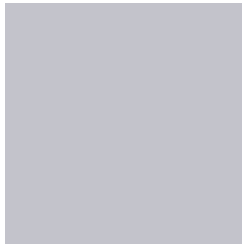
15.6739, 8.0801, 0.7352



0.8087, 0.4169, 0.0382

Previews

White Background



This preview shows how the XYZ color 52.8003, 54.9441, 64.3223 looks on a white background.

Color Contrast Check

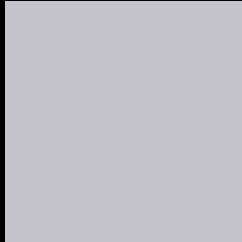
Large Text (above 18pt) WCAG AA × Fail

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 52.8003, 54.9441, 64.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

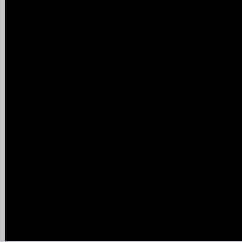
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

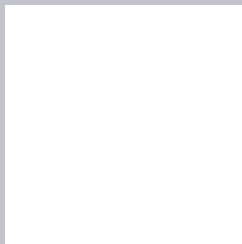
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8003, 54.9441, 64.3223

Background



This preview shows how black text looks on a background with the XYZ color 52.8003, 54.9441, 64.3223.

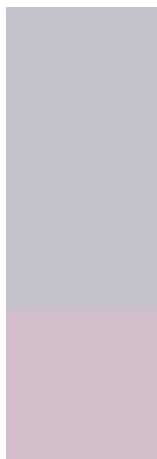


This preview shows how white text looks on a background with the XYZ color 52.8003, 54.9441,

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

52.8003, 54.9441, 64.3223

Protanopia

53.0972, 54.7657, 64.2722

Deuteranopia

56.1765, 55.0354, 64.7888



Tritanopia

53.5654, 54.9228, 68.0996

Trichromacy



Original Color

52.8003, 54.9441, 64.3223

Protanomaly

52.8362, 54.6311, 64.2600

Deuteranomaly

54.9256, 55.0380, 64.8553

Tritanomaly

53.3192, 54.8243, 66.8034

Monochromacy



Original Color

52.8003, 54.9441, 64.3223

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8137, 55.3391, 61.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8003, 54.9441, 64.3223 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(195, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 203)  
}
```

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(195, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.8003, 54.9441, 64.3223 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(195, 195, 203) }
```


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

```
.border{ border-color:rgb(195, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 203); box-shadow:4px 4px 4px 4px rgb(195, 195, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8003, 54.9441, 64.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 203) }
```

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

```
.background{ background-color: rgb(195,  
195, 203) }
```

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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