

Converting Colors

XYZ(52.8873, 54.7410, 65.2764)

Have a look what the booklet for
XYZ(52.8873, 54.7410, 65.2764)
contains.

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Color

**XYZ(52.8169, 54.5935,
65.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C2CD
RGB	195, 194, 205
RGB Percent	76%, 76%, 80%
CMY	0.2353, 0.2392, 0.1961
CMYK	0.05, 0.05, 0.00, 0.20
HSL	245°, 10%, 78%
HSV	245°, 5%, 80%
XYZ	52.8169, 54.5935, 65.5114
YIQ	195.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

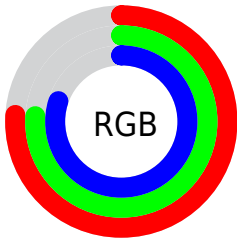
Format	Color
R_{YB}	195, 194, 205
Decimal	12829389
CIE _{Lab}	78.81, 2.42, -5.38
CIE _{LCh}	79, 5.902, 294.208
Yxy	54.5935, 0.3054, 0.3157
Android (android.graphics.Color)	4291019469 (0xFFC3C2CD)
YUV	195.5530, 4.6574, -0.4850
Hunter-Lab	73.8874, -1.7059, -0.8476

Details

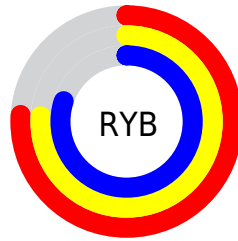
The XYZ color **52.8169, 54.5935, 65.5114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4728, 60.3965, 59.7230**, and the grayscale version is **52.1774, 54.8947, 59.7803**.

A 20% lighter version of the original color is **92.3805, 96.2867, 108.3240**, and **25.9485, 26.6533, 33.0551** is the 20% darker color. If you saturate the color by 10%, you get **44.0460, 43.7609, 63.8836**, and if you desaturate by 10%, it is **62.8218, 66.9995, 67.3795**.

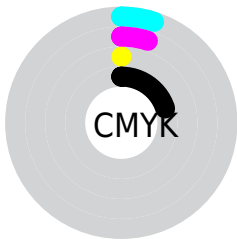
Distribution



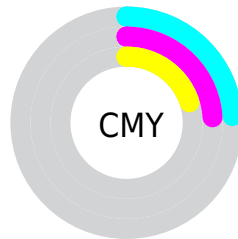
- Red (76%)
- Green (76%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8169, 54.5935, 65.5114 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 52.8169, 54.5935, 65.5114 by changing the saturation by 10% instead.

■ 52.8169, 54.5935,
65.5114

■ 52.8169, 54.5935,
65.5114

387.8546,
404.3692, 462.9839

■ 37.8835, 39.0764,
47.4219

□ 93.5020, 96.9451,
114.4051

■ 26.0691, 26.8191,
33.0126

119.9844,
124.5484, 146.0463

■ 17.0083, 17.4374,
21.8649

151.0472,
156.9491, 183.0419

■ 10.3357, 10.5469,
13.5603

187.0558,
194.5318, 225.8104

■ 5.6861, 5.7630,
7.6802

228.3755,
237.6807, 274.7703

■ 2.6940, 2.7015,
3.8062

275.3716,

■ 0.9941, 0.9780,

286.7803, 330.3401

1.5196

328.4095,
342.2150, 392.9385

■ 0.0000, 0.0000,
0.2325

■ 0.0000, 0.0000,
0.0000

■ 52.8169, 54.5935,
65.5114

■ 52.8169, 54.5935,
65.5114

■ 44.0460, 43.7609,
63.8836

■ 62.8218, 66.9995,
67.3795

■ 36.4565, 34.4322,
62.4830

■ 74.1009, 81.0310,
69.4934

■ 29.9994, 26.5429,
61.3005

■ 86.5372, 96.4237,
71.8090

■ 24.6201, 20.0212,
60.3252

■ 88.0196, 97.1878,
71.8784

■ 20.2597, 14.7891,
59.5452

■ 16.8535, 10.7606,
58.9471

■ 14.3293, 7.8394,
58.5163

■ 12.6046, 5.9143,
58.2356

■ 11.5806, 4.8502,
58.0842

Harmonies

Analogous

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



51.6629, 54.5935, 66.0821



52.8169, 54.5935, 65.5114



53.7347, 54.5935, 63.2890

Triad

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



52.8169, 54.5935, 65.5114



53.2155, 54.5935, 54.3715



49.6846, 54.5935, 58.7956

Complementary

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



52.8169, 54.5935, 65.5114



56.4728, 60.3965, 59.7230

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.



50.0870, 54.5935, 55.7562



52.8169, 54.5935, 65.5114



52.1167, 54.5935, 53.2642

Square

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



52.8169, 54.5935, 65.5114



53.9672, 54.5935, 56.8416



50.9730, 54.5935, 53.7615



49.8658, 54.5935, 62.1227

Rectangle

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



52.8169, 54.5935, 65.5114



54.0832, 54.5935, 61.2126



50.9730, 54.5935, 53.7615



49.7559, 54.5935, 57.7079

Sweetspot

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



52.8185, 54.5958, 65.5126



91.7588, 95.9201, 108.2860



54.8820, 59.1039, 66.2740



19.6746, 20.5736, 23.1841



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.



52.8185, 54.5958, 65.5126



85.4271, 88.0797, 107.1063



54.2440, 55.3307, 65.5793



11.2501, 11.5787, 14.2123



7.0574, 2.8458, 36.1336



0.3973, 0.1639, 1.8656

Inverse Universe

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



55.3697, 55.9249, 65.0059



90.1394, 90.5347, 106.1657



55.0134, 59.6441, 59.6547



11.9254, 11.9305, 14.0770



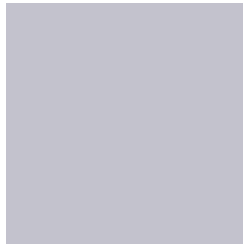
21.2373, 10.3055, 30.0321



1.1087, 0.5369, 1.6185

Previews

White Background



This preview shows how the XYZ color 52.8169, 54.5935, 65.5114 looks on a white background.

Color Contrast Check

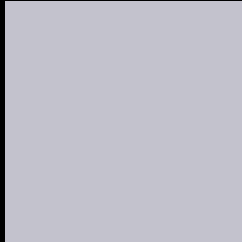
Large Text (above 18pt) WCAG AA × Fail

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 52.8169, 54.5935, 65.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

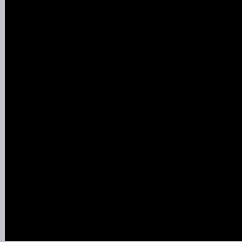
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8169, 54.5935, 65.5114

Background



This preview shows how black text looks on a background with the XYZ color 52.8169, 54.5935, 65.5114.

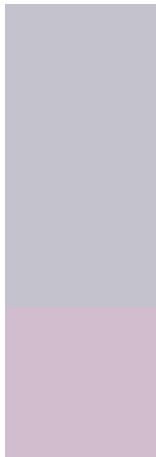


This preview shows how white text looks on a background with the XYZ color 52.8169, 54.5935,

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

52.8169, 54.5935, 65.5114

Protanopia

53.0762, 54.7271, 65.5236

Deuteranopia

55.6327, 54.4067, 65.9619



Tritanopia

53.3435, 54.4791, 68.0256

Trichromacy



Original Color

52.8169, 54.5935, 65.5114

Protanomaly

53.0762, 54.7271, 65.5236

Deuteranomaly

54.6732, 54.5552, 66.0411

Tritanomaly

53.2201, 54.4298, 67.3755

Monochromacy



Original Color

52.8169, 54.5935, 65.5114

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5889, 54.8895, 61.8558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8169, 54.5935, 65.5114 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, 194, 205) looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 205)  
}
```

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, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.8169, 54.5935, 65.5114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

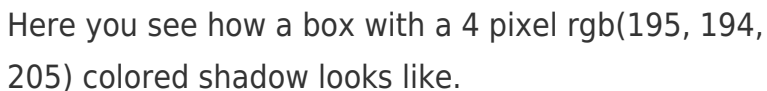
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 194, 205) }
```


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

```
.border{ border-color:rgb(195, 194, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 194, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 194, 205); box-shadow:4px 4px 4px 4px rgb(195, 194, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8169, 54.5935, 65.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 205) }
```

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

```
.background{ background-color: rgb(195,  
194, 205) }
```

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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