

Converting Colors

XYZ(52.4465, 54.9284, 64.3074)

Have a look what the booklet for
XYZ(52.4465, 54.9284, 64.3074)
contains.

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Color

**XYZ(52.5117, 55.1291,
64.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C4CB
RGB	193, 196, 203
RGB Percent	76%, 77%, 80%
CMY	0.2431, 0.2314, 0.2039
CMYK	0.05, 0.03, 0.00, 0.20
HSL	222°, 9%, 78%
HSV	222°, 5%, 80%
XYZ	52.5117, 55.1291, 64.3732
YIQ	195.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

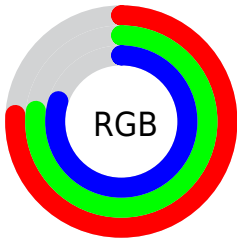
Format	Color
RYB	193, 195, 203
Decimal	12698827
CIELab	79.12, 0.29, -3.87
CIElCh	79, 3.878, 274.361
Yxy	55.1291, 0.3053, 0.3205
Android (android.graphics.Color)	4290888907 (0xFFC1C4CB)
YUV	195.9010, 3.4998, -2.5442
Hunter-Lab	74.2490, -3.6937, 0.5704

Details

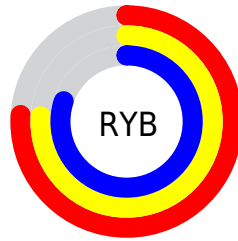
The XYZ color **52.5117, 55.1291, 64.3732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9086, 57.8546, 58.7259**, and the grayscale version is **52.3927, 55.1212, 60.0270**.

A 20% lighter version of the original color is **92.2422, 97.6103, 108.5867**, and **25.9130, 27.0914, 32.2972** is the 20% darker color. If you saturate the color by 10%, you get **44.6345, 46.5366, 63.1307**, and if you desaturate by 10%, it is **61.4058, 64.6991, 65.7525**.

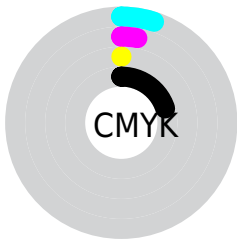
Distribution



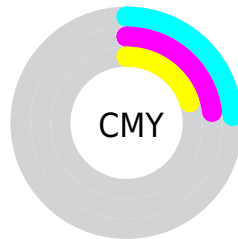
- Red (76%)
- Green (77%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5117, 55.1291, 64.3732 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 52.5117, 55.1291, 64.3732 by changing the saturation by 10% instead.

■ 52.5117, 55.1291,
64.3732

■ 52.5117, 55.1291,
64.3732

386.7005,
406.4011, 458.7805

■ 37.6390, 39.5051,
46.5049

■ 93.0552, 97.7301,
112.7529

■ 25.8786, 27.1529,
32.2929

119.4568,
125.4758, 144.1013

■ 16.8650, 17.6881,
21.3186

150.4320,
158.0310, 180.7802

■ 10.2330, 10.7263,
13.1636

186.3462,
195.7799, 223.2081

■ 5.6172, 5.8831,
7.4093

227.5648,
239.1070, 271.8035

■ 2.6522, 2.7741,
3.6370

274.4532,

■ 0.9726, 1.0150,

288.3966, 326.9851

1.4284

327.3766,
344.0332, 389.1712

■ 0.0000, 0.0000,
0.1637

■ 0.0000, 0.0000,
0.0000

■ 52.5117, 55.1291,
64.3732

■ 52.5117, 55.1291,
64.3732

■ 44.6345, 46.5366,
63.1307

■ 61.4058, 64.6991,
65.7525

■ 37.7322, 38.8830,
62.0172

■ 71.3471, 75.2697,
67.2688

■ 31.7671, 32.1373,
61.0295

■ 82.3706, 86.8719,
68.9273

■ 26.6967, 26.2642,
60.1631

■ 87.0876, 95.7077,
70.3842

■ 22.4756, 21.2256,
59.4131

■ 87.7796, 97.0919,
70.6148

■ 19.0538, 16.9809,
58.7741

■ 16.3759, 13.4852,
58.2405

■ 14.3786, 10.6887,
57.8060

■ 12.9862, 8.5337,
57.4634

Harmonies

Analogous

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



51.7578, 55.1291, 63.9478



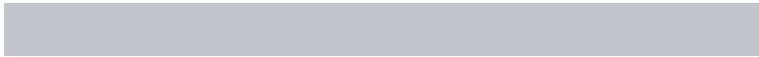
52.5117, 55.1291, 64.3732



53.2423, 55.1291, 63.6106

Triad

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



52.5117, 55.1291, 64.3732



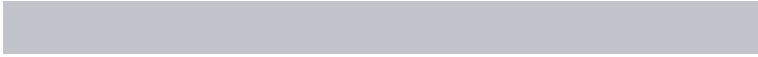
53.6356, 55.1291, 57.6547



51.0694, 55.1291, 58.2024

Complementary

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



52.5117, 55.1291, 64.3732



54.9086, 57.8546, 58.7259

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.



51.5638, 55.1291, 56.5791



52.5117, 55.1291, 64.3732



53.0446, 55.1291, 56.2684

Square

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



52.5117, 55.1291, 64.3732



53.8952, 55.1291, 59.7030



52.2856, 55.1291, 55.8795



50.9299, 55.1291, 60.3506

Rectangle

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



52.5117, 55.1291, 64.3732



53.6163, 55.1291, 62.5418



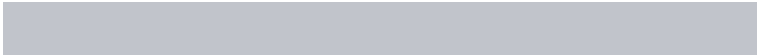
52.2856, 55.1291, 55.8795



51.1994, 55.1291, 57.5790

Sweetspot

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



52.5133, 55.1314, 64.3744



93.5515, 98.3865, 108.6675



53.7549, 58.2125, 62.9453



20.0397, 21.0758, 23.2618



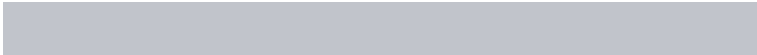
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5133, 55.1314, 64.3744



86.3229, 90.5719, 107.5402



52.3129, 54.0325, 64.1729



11.3782, 11.9349, 14.2743



7.9912, 5.0064, 36.5014



0.4792, 0.3922, 1.9054

Inverse Universe

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



53.6636, 54.8230, 59.9808



88.6858, 89.9533, 98.5115



55.1146, 59.0036, 58.9369



11.7170, 11.8471, 12.9795



16.2445, 8.3084, 3.7402



0.8718, 0.4421, 0.3710

Previews

White Background



This preview shows how the XYZ color 52.5117, 55.1291, 64.3732 looks on a white background.

Color Contrast Check

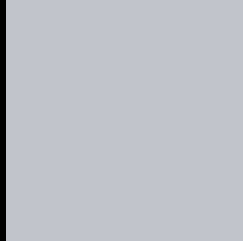
Large Text (above 18pt) WCAG AA × Fail

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 52.5117, 55.1291, 64.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

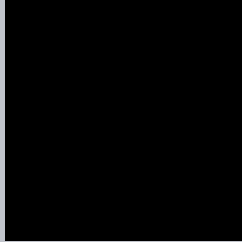
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5117, 55.1291, 64.3732

Background



This preview shows how black text looks on a background with the XYZ color 52.5117, 55.1291, 64.3732.

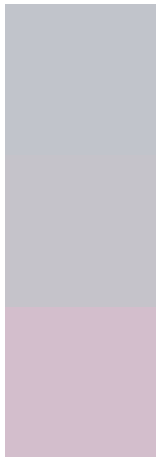


This preview shows how white text looks on a background with the XYZ color 52.5117, 55.1291,

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

52.5117, 55.1291, 64.3732

Protanopia

53.2017, 55.1648, 63.7210

Deuteranopia

56.1765, 55.0354, 64.7888



Tritanopia

53.3961, 55.1527, 68.8040

Trichromacy



Original Color

52.5117, 55.1291, 64.3732

Protanomaly

52.9407, 55.0302, 63.7087

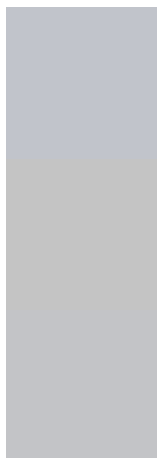
Deuteranomaly

54.6506, 54.8963, 64.8424

Tritanomaly

53.0257, 55.0045, 66.8537

Monochromacy



Original Color

52.5117, 55.1291, 64.3732

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5544, 55.2055, 61.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5117, 55.1291, 64.3732 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, 196, 203) looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 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(193, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.5117, 55.1291, 64.3732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

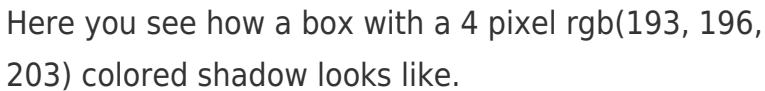
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 196, 203) }
```


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

```
.border{ border-color:rgb(193, 196, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 196, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 196, 203); box-shadow:4px 4px 4px 4px rgb(193, 196, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5117, 55.1291, 64.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 203) }
```

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

```
.background{ background-color: rgb(193,  
196, 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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