

Converting Colors

XYZ(51.5298, 54.2892, 64.2629)

Have a look what the booklet for
XYZ(51.5298, 54.2892, 64.2629)
contains.

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Color

**XYZ(51.5298, 54.2892,
64.2629)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3CB
RGB	190, 195, 203
RGB Percent	75%, 76%, 80%
CMY	0.2549, 0.2353, 0.2039
CMYK	0.06, 0.04, 0.00, 0.20
HSL	217°, 11%, 77%
HSV	217°, 6%, 80%
XYZ	51.5298, 54.2892, 64.2629
YIQ	194.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

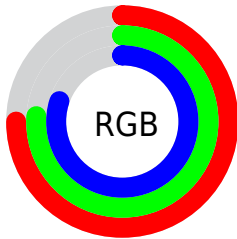
Format	Color
RYP	190, 194, 203
Decimal	12501963
CIELab	78.63, -0.19, -4.61
CIELCh	79, 4.612, 267.692
Yxy	54.2892, 0.3030, 0.3192
Android (android.graphics.Color)	4290692043 (0xFFBEC3CB)
YUV	194.4170, 4.2314, -3.8737
Hunter-Lab	73.6812, -4.1061, -0.1344

Details

The XYZ color **51.5298, 54.2892, 64.2629** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1171, 56.8018, 56.8276**, and the grayscale version is **51.5046, 54.1868, 59.0095**.

A 20% lighter version of the original color is **90.8664, 96.4336, 108.4321**, and **25.2662, 26.5380, 32.2245** is the 20% darker color. If you saturate the color by 10%, you get **44.1268, 46.4929, 63.1491**, and if you desaturate by 10%, it is **59.8762, 62.9222, 65.4902**.

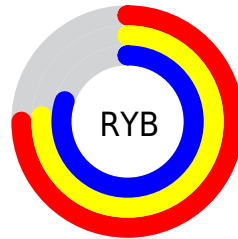
Distribution



Red (75%)

Green (76%)

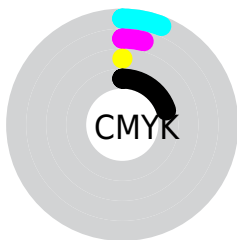
Blue (80%)



Red (75%)

Yellow (76%)

Blue (80%)

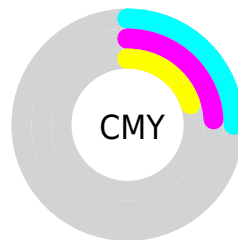


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5298, 54.2892, 64.2629 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 51.5298, 54.2892, 64.2629 by changing the saturation by 10% instead.

■ 51.5298, 54.2892,
64.2629

■ 51.5298, 54.2892,
64.2629

382.9725,
403.2119, 458.3719

■ 36.8532, 38.8329,
46.4161

■ 91.6158, 96.4987,
112.5926

■ 25.2670, 26.6298,
32.2233

117.7558,
124.0208, 143.9125

■ 16.4059, 17.2954,
21.2659

148.4477,
156.3336, 180.5606

■ 9.9045, 10.4453,
13.1253

184.0568,
193.8214, 222.9554

■ 5.3974, 5.6952,
7.3832

224.9485,
236.8688, 271.5153

■ 2.5194, 2.6606,
3.6208

271.4881,

■ 0.9051, 0.9572,

285.8601, 326.6590

1.4197

324.0410,
341.1796, 388.8051

■ 0.0000, 0.0000,
0.1570

■ 0.0000, 0.0000,
0.0000

■ 51.5298, 54.2892,
64.2629

■ 51.5298, 54.2892,
64.2629

■ 44.1268, 46.4929,
63.1491

■ 59.8762, 62.9222,
65.4902

■ 37.6278, 39.4999,
62.1418

■ 69.1940, 72.4101,
66.8304

■ 31.9973, 33.2849,
61.2390

■ 79.5161, 82.7791,
68.2878

■ 27.1957, 27.8182,
60.4369

■ 84.6581, 90.8488,
69.5744

■ 23.1802, 23.0681,
59.7316

■ 87.7797, 97.0919,
70.6149

■ 19.9038, 19.0004,
59.1192

■ 17.3137, 15.5774,
58.5950

■ 15.3495, 12.7567,
58.1541

■ 13.9352, 10.4873,
57.7906

Harmonies

Analogous

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



50.6705, 54.2892, 63.4502



51.5298, 54.2892, 64.2629



52.4179, 54.2892, 63.6621

Triad

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



51.5298, 54.2892, 64.2629



53.1656, 54.2892, 56.8128



50.1351, 54.2892, 56.4729

Complementary

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



51.5298, 54.2892, 64.2629



54.1171, 56.8018, 56.8276

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.



50.7912, 54.2892, 54.7835



51.5298, 54.2892, 64.2629



52.5414, 54.2892, 54.9756

Square

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



51.5298, 54.2892, 64.2629



53.3689, 54.2892, 59.3138



51.6708, 54.2892, 54.2434



49.8711, 54.2892, 58.9101

Rectangle

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



51.5298, 54.2892, 64.2629



52.9055, 54.2892, 62.5503



51.6708, 54.2892, 54.2434



50.3167, 54.2892, 55.8015

Sweetspot

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



51.5314, 54.2915, 64.2641



92.2058, 97.0602, 108.4825



52.7620, 57.7279, 61.6678



19.7657, 20.8058, 23.2241



0.0000, 0.0000, 0.0000



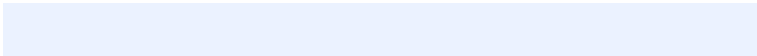
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5314, 54.2915, 64.2641



84.0656, 88.5874, 107.2761



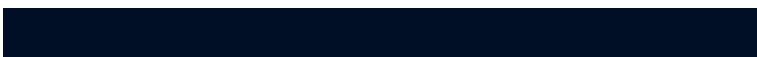
50.7552, 52.2549, 63.9119



10.9498, 11.5401, 14.2207



8.6817, 6.3873, 36.7316



0.5208, 0.4754, 1.9192

Inverse Universe

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



52.8936, 53.4646, 59.1644



86.9288, 86.8858, 96.5492



54.9271, 58.9452, 57.1986



11.3880, 11.2839, 12.5780



16.5930, 8.4478, 5.5755



0.8928, 0.4505, 0.4815

Previews

White Background



This preview shows how the XYZ color 51.5298, 54.2892, 64.2629 looks on a white background.

Color Contrast Check

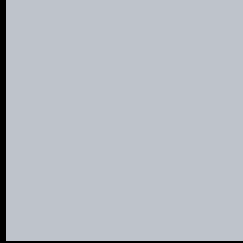
Large Text (above 18pt) WCAG AA × Fail

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 51.5298, 54.2892, 64.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

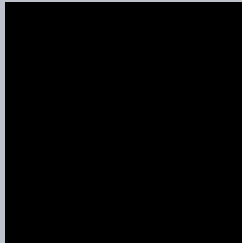
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

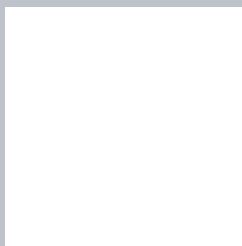
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5298, 54.2892, 64.2629

Background



This preview shows how black text looks on a background with the XYZ color 51.5298, 54.2892, 64.2629.



This preview shows how white text looks on a background with the XYZ color 51.5298, 54.2892,

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

51.5298, 54.2892, 64.2629

Protanopia

52.4956, 54.1400, 63.5604

Deuteranopia

55.3912, 54.3101, 64.6902



Tritanopia

52.2863, 54.2634, 68.0397

Trichromacy



Original Color

51.5298, 54.2892, 64.2629

Protanomaly

52.2006, 54.3172, 63.6101

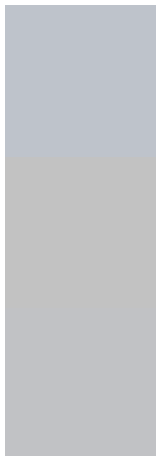
Deuteranomaly

53.8870, 54.1778, 64.7440

Tritanomaly

52.0401, 54.1649, 66.7436

Monochromacy



Original Color

51.5298, 54.2892, 64.2629

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3621, 53.9522, 60.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5298, 54.2892, 64.2629 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(190, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.5298, 54.2892, 64.2629 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(190, 195, 203) }
```


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

```
.border{ border-color:rgb(190, 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(190, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5298, 54.2892, 64.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 203) }
```

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

```
.background{ background-color: rgb(190,  
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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