

Converting Colors

XYZ(51.3410, 54.9307, 60.7020)

Have a look what the booklet for
XYZ(51.3410, 54.9307, 60.7020)
contains.

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Color

**XYZ(51.2795, 54.9109,
60.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5C5
RGB	190, 197, 197
RGB Percent	75%, 77%, 77%
CMY	0.2549, 0.2274, 0.2274
CMYK	0.04, 0.00, 0.00, 0.23
HSL	180°, 6%, 76%
HSV	180°, 4%, 77%
XYZ	51.2795, 54.9109, 60.7195
YIQ	194.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

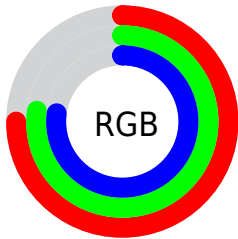
Format	Color
RYB	190, 194, 197
Decimal	12502469
CIELab	78.99, -2.40, -0.85
CIElCh	79, 2.543, 199.424
Yxy	54.9109, 0.3072, 0.3290
Android (android.graphics.Color)	4290692549 (0xFFBEC5C5)
YUV	194.9070, 1.0318, -4.3034
Hunter-Lab	74.1019, -6.1539, 3.2888

Details

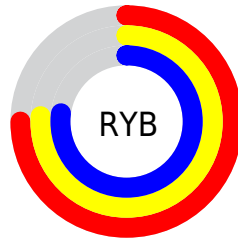
The XYZ color **51.2795, 54.9109, 60.7195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7357, 52.4163, 56.1611**, and the grayscale version is **51.8136, 54.5119, 59.3634**.

A 20% lighter version of the original color is **91.3372, 97.6322, 107.7968**, and **25.0969, 26.9465, 29.8650** is the 20% darker color. If you saturate the color by 10%, you get **46.6872, 52.5451, 60.5003**, and if you desaturate by 10%, it is **56.5401, 57.6242, 60.9723**.

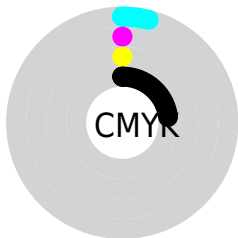
Distribution



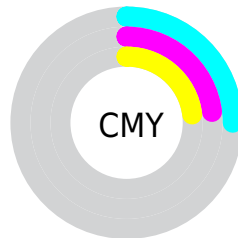
- Red (75%)
- Green (77%)
- Blue (77%)



- Red (75%)
- Yellow (76%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2795, 54.9109, 60.7195 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 51.2795, 54.9109, 60.7195 by changing the saturation by 10% instead.

■ 51.2795, 54.9109,
60.7195

■ 51.2795, 54.9109,
60.7195

382.0185,
405.5741, 445.1228

■ 36.6530, 39.3304,
43.5697

■ 91.2483, 97.4104,
107.4263

■ 25.1114, 27.0168,
29.9977

117.3214,
125.0982, 137.8203

■ 16.2893, 17.5859,
19.5848

147.9407,
157.5905, 173.4663

■ 9.8212, 10.6531,
11.9125

183.4716,
195.2718, 214.7826

■ 5.3419, 5.8341,
6.5623

224.2795,
238.5264, 262.1879

■ 2.4861, 2.7444,
3.1157

270.7297,

■ 0.8882, 0.9998,

287.7387, 316.1007

1.1540

323.1876,
343.2931, 376.9395

■ 0.0000, 0.0000,
0.0000

■ 51.2795, 54.9109,
60.7195

■ 51.2795, 54.9109,
60.7195

■ 46.6872, 52.5451,
60.5003

■ 56.5401, 57.6242,
60.9723

■ 42.7319, 50.5062,
60.3097

■ 62.4892, 60.6910,
61.2562

■ 39.3870, 48.7820,
60.1477

■ 69.1522, 64.1258,
61.5735

■ 36.6220, 47.3567,
60.0128

■ 71.2897, 65.2276,
61.6790

■ 34.4040, 46.2134,
59.9036

■ 71.2908, 65.2280,
61.6845

■ 32.6967, 45.3334,
59.8182

■ 71.2918, 65.2284,
61.6900

■ 31.4594, 44.6957,
59.7548

■ 71.2929, 65.2289,
61.6955

■ 30.6452, 44.2761,
59.7113

■ 71.2939, 65.2293,
61.7010

■ 30.1977, 44.0454,
59.6849

■ 71.2950, 65.2297,
61.7065

Harmonies

Analogous

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



51.2411, 54.9109, 59.2790



51.2795, 54.9109, 60.7195



51.5612, 54.9109, 61.9288

Triad

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



51.2795, 54.9109, 60.7195



52.9332, 54.9109, 61.6184



52.3698, 54.9109, 57.0927

Complementary

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



51.2795, 54.9109, 60.7195



50.7357, 52.4163, 56.1611

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.



52.8262, 54.9109, 57.6983



51.2795, 54.9109, 60.7195



53.1529, 54.9109, 60.3012

Square

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



51.2795, 54.9109, 60.7195



52.5152, 54.9109, 62.4536



53.1136, 54.9109, 58.8673



51.8685, 54.9109, 57.2006

Rectangle

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



51.2795, 54.9109, 60.7195



51.8502, 54.9109, 62.4338



53.1136, 54.9109, 58.8673



52.5337, 54.9109, 57.2192

Sweetspot

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



51.2811, 54.9132, 60.7207



94.1179, 99.5195, 108.8554



50.5264, 54.6148, 56.5946



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



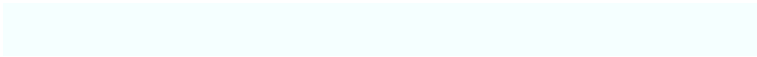
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2811, 54.9132, 60.7207



91.3957, 98.1162, 108.7250



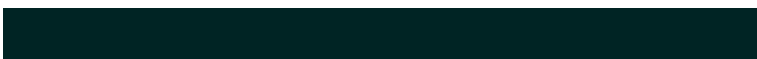
50.5214, 53.3933, 60.4693



11.4434, 12.3236, 13.6925



19.7547, 28.9143, 39.2486



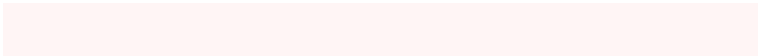
0.9355, 1.3691, 1.8588

Inverse Universe

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



50.7357, 52.4163, 56.1611



90.2836, 93.0245, 99.4271



51.4771, 53.8997, 56.4065



11.2822, 11.5855, 12.3445



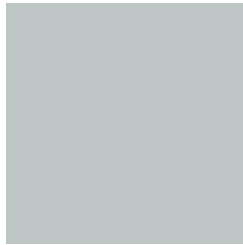
15.1457, 7.8078, 0.7110



0.7172, 0.3697, 0.0340

Previews

White Background



This preview shows how the XYZ color 51.2795, 54.9109, 60.7195 looks on a white background.

Color Contrast Check

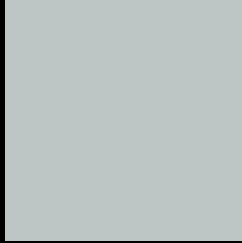
Large Text (above 18pt) WCAG AA × Fail

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 51.2795, 54.9109, 60.7195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

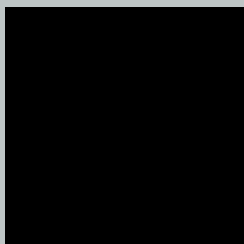
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

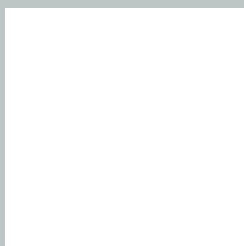
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2795, 54.9109, 60.7195

Background



This preview shows how black text looks on a background with the XYZ color 51.2795, 54.9109, 60.7195.



This preview shows how white text looks on a background with the XYZ color 51.2795, 54.9109,

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

51.2795, 54.9109, 60.7195

Protanopia

52.8088, 54.7112, 60.0016

Deuteranopia

55.9470, 54.6648, 61.6355



Tritanopia

52.8862, 54.8898, 68.7802

Trichromacy



Original Color

51.2795, 54.9109, 60.7195

Protanomaly

52.2439, 54.7515, 60.0391

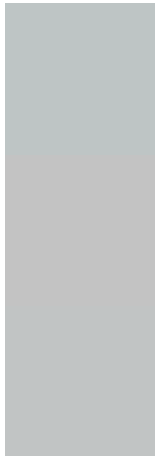
Deuteranomaly

54.2195, 54.7556, 61.1373

Tritanomaly

52.2452, 54.9640, 65.6131

Monochromacy



Original Color

51.2795, 54.9109, 60.7195

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6961, 54.8028, 60.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2795, 54.9109, 60.7195 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, 197, 197) looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 197)  
}
```

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, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.2795, 54.9109, 60.7195 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, 197, 197) }
```


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

```
.border{ border-color:rgb(190, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2795, 54.9109, 60.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 197) }
```

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

```
.background{ background-color: rgb(190,  
197, 197) }
```

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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