

Converting Colors

XYZ(50.2954, 52.7838, 59.8405)

Have a look what the booklet for
XYZ(50.2954, 52.7838, 59.8405)
contains.

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Color

**XYZ(50.2993, 52.7612,
59.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC0C4
RGB	191, 192, 196
RGB Percent	75%, 75%, 77%
CMY	0.2510, 0.2470, 0.2314
CMYK	0.03, 0.02, 0.00, 0.23
HSL	228°, 4%, 76%
HSV	228°, 3%, 77%
XYZ	50.2993, 52.7612, 59.7574
YIQ	192.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

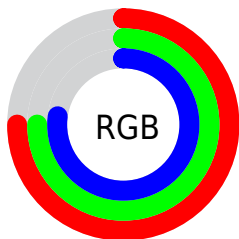
Format	Color
RYB	191, 192, 196
Decimal	12566724
CIELab	77.73, 0.41, -2.14
CIELCh	78, 2.175, 280.758
Yxy	52.7612, 0.3089, 0.3241
Android (android.graphics.Color)	4290756804 (0xFFBFC0C4)
YUV	192.1570, 1.8946, -1.0147
Hunter-Lab	72.6369, -3.5077, 2.0688

Details

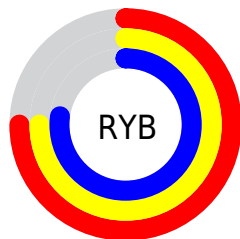
The XYZ color **50.2993, 52.7612, 59.7574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6840, 54.5269, 57.0917**, and the grayscale version is **50.1860, 52.7996, 57.4987**.

A 20% lighter version of the original color is **89.6548, 94.0008, 106.3472**, and **24.5963, 25.8215, 29.2789** is the 20% darker color. If you saturate the color by 10%, you get **42.4377, 43.8720, 58.4568**, and if you desaturate by 10%, it is **59.1897, 62.7274, 61.2133**.

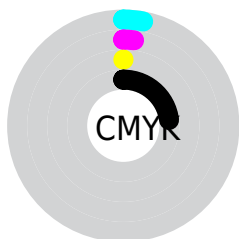
Distribution



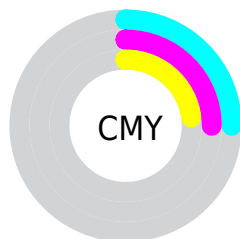
- Red (75%)
- Green (75%)
- Blue (77%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2993, 52.7612, 59.7574 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 50.2993, 52.7612, 59.7574 by changing the saturation by 10% instead.

■ 50.2993, 52.7612,
59.7574

■ 50.2993, 52.7612,
59.7574

378.2679,
397.3683, 441.4828

■ 35.8700, 37.6122,
42.7991

■ 89.8073, 94.2529,
106.0176

■ 24.5035, 25.6818,
29.3973

115.6168,
121.3643, 136.1566

■ 15.8343, 16.5858,
19.1334

145.9505,
153.2320, 171.5262

■ 9.4971, 9.9396,
11.5889

181.1736,
190.2404, 212.5450

■ 5.1265, 5.3589,
6.3453

221.6515,
232.7738, 259.6315

■ 2.3572, 2.4594,
2.9840

267.7496,

■ 0.8237, 0.8562,

281.2167, 313.2043

1.0865

319.8333,
335.9533, 373.6818

■ 0.0000, 0.0000,
0.0000

■ 50.2993, 52.7612,
59.7574

■ 50.2993, 52.7612,
59.7574

■ 42.4377, 43.8720,
58.4568

■ 59.1897, 62.7274,
61.2133

■ 35.5631, 36.0167,
57.3029

■ 69.1400, 73.7983,
62.8257

■ 29.6372, 29.1594,
56.2916

■ 80.1853, 86.0089,
64.6005

■ 24.6175, 23.2595,
55.4174

■ 86.8594, 96.5564,
66.2846

■ 20.4585, 18.2732,
54.6741

■ 86.9640, 96.7656,
66.3195

■ 17.1101, 14.1538,
54.0555

■ 14.5174, 10.8499,
53.5544

■ 12.6179, 8.3043,
53.1632

■ 11.3385, 6.4518,
52.8730

Harmonies

Analogous

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



49.8815, 52.7612, 59.6663



50.2993, 52.7612, 59.7574



50.6787, 52.7612, 59.2232

Triad

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



50.2993, 52.7612, 59.7574



50.7640, 52.7612, 55.9466



49.3870, 52.7612, 56.6868

Complementary

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



50.2993, 52.7612, 59.7574



51.6840, 54.5269, 57.0917

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.



49.6209, 52.7612, 55.7086



50.2993, 52.7612, 59.7574



50.4154, 52.7612, 55.2854

Square

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



50.2993, 52.7612, 59.7574



50.9480, 52.7612, 57.0160



49.9969, 52.7612, 55.1988



49.3563, 52.7612, 57.8821

Rectangle

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



50.2993, 52.7612, 59.7574



50.8581, 52.7612, 58.5887



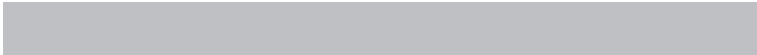
49.9969, 52.7612, 55.1988



49.4444, 52.7612, 56.3221

Sweetspot

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



50.3008, 52.7635, 59.7586



93.4713, 98.2260, 108.6408



51.0675, 54.4934, 59.4079



20.0233, 21.0431, 23.2563



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.



50.3008, 52.7635, 59.7586



90.3715, 94.7383, 108.1310



50.4393, 52.5089, 59.7021



10.6547, 11.1598, 12.8773



6.9252, 3.6068, 33.8878



0.3488, 0.2551, 1.4807

Inverse Universe

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



50.9113, 52.8041, 57.3808



91.6889, 94.8282, 102.9998



51.5428, 54.7889, 57.1497



10.8471, 11.1734, 12.1281



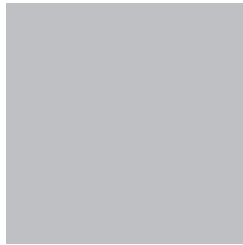
14.8915, 7.6463, 2.0746



0.6685, 0.3404, 0.2215

Previews

White Background



This preview shows how the XYZ color 50.2993, 52.7612, 59.7574 looks on a white background.

Color Contrast Check

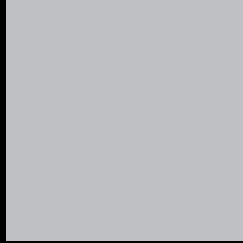
Large Text (above 18pt) WCAG AA × Fail

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 50.2993, 52.7612, 59.7574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

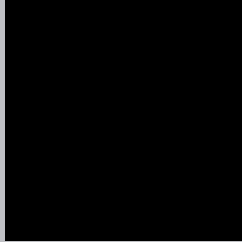
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

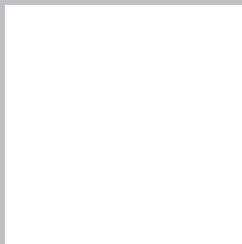
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2993, 52.7612, 59.7574

Background



This preview shows how black text looks on a background with the XYZ color 50.2993, 52.7612, 59.7574.

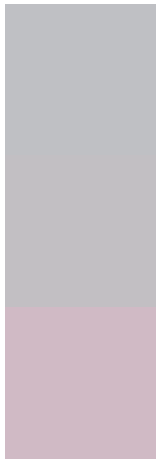


This preview shows how white text looks on a background with the XYZ color 50.2993, 52.7612,

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

50.2993, 52.7612, 59.7574

Protanopia

50.7293, 52.6711, 59.1226

Deuteranopia

53.6494, 52.5589, 60.1406



Tritanopia

51.7637, 53.0553, 65.9050

Trichromacy



Original Color

50.2993, 52.7612, 59.7574

Protanomaly

50.4734, 52.5392, 59.1106

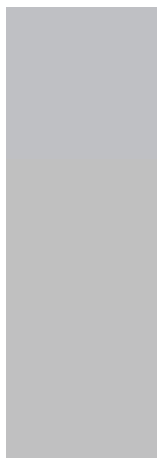
Deuteranomaly

52.4184, 52.5542, 60.2046

Tritanomaly

51.0297, 52.7323, 63.3659

Monochromacy



Original Color

50.2993, 52.7612, 59.7574

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2135, 52.7560, 57.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2993, 52.7612, 59.7574 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(191, 192, 196) looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 196)  
}
```

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(191, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.2993, 52.7612, 59.7574 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(191, 192, 196) }
```


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

```
.border{ border-color:rgb(191, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2993, 52.7612, 59.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 196) }
```

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

```
.background{ background-color: rgb(191,  
192, 196) }
```

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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