

Converting Colors

XYZ(53.3577, 59.7631, 58.2848)

Have a look what the booklet for
XYZ(53.3577, 59.7631, 58.2848)
contains.

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Color

**XYZ(53.4457, 59.9497,
58.0448)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD0BF
RGB	191, 208, 191
RGB Percent	75%, 82%, 75%
CMY	0.2510, 0.1843, 0.2510
CMYK	0.08, 0.00, 0.08, 0.18
HSL	120°, 15%, 78%
HSV	120°, 8%, 82%
XYZ	53.4457, 59.9497, 58.0448
YIQ	200.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

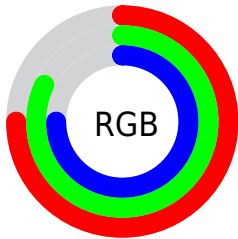
Format	Color
RYB	191, 208, 208
Decimal	12570815
CIELab	81.81, -8.90, 6.47
CIELCh	82, 11.008, 143.991
Yxy	59.9497, 0.3117, 0.3497
Android (android.graphics.Color)	4290760895 (0xFFBFD0BF)
YUV	200.9790, -4.9196, -8.7516
Hunter-Lab	77.4272, -12.2843, 9.7511

Details

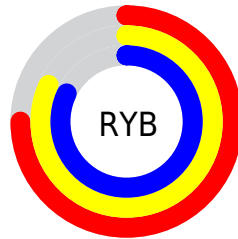
The XYZ color **53.4457, 59.9497, 58.0448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0305, 55.2270, 67.3841**, and the grayscale version is **55.5373, 58.4296, 63.6298**.

A 20% lighter version of the original color is **90.9063, 98.0096, 102.1222**, and **26.6243, 30.3495, 28.4995** is the 20% darker color. If you saturate the color by 10%, you get **46.4528, 56.5924, 46.6054**, and if you desaturate by 10%, it is **61.5099, 63.8251, 71.2338**.

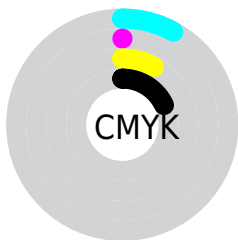
Distribution



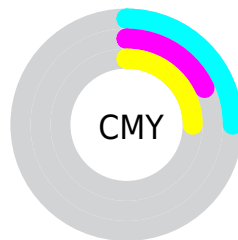
- Red (75%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4457, 59.9497, 58.0448 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 53.4457, 59.9497, 58.0448 by changing the saturation by 10% instead.


 53.4457, 59.9497,
58.0448

 53.4457, 59.9497,
58.0448


390.2257,
424.4123, 434.9558

 38.3876, 43.3781,
41.4297

 94.4216, 104.7567,
103.5035

 26.4622, 30.1819,
28.3328


121.0700,
133.7609, 133.1842

 17.3042, 19.9767,
18.3354


152.3127,
167.6780, 168.0573

 10.5483, 12.3781,
11.0192

188.5148,
206.8926, 208.5411

 5.8290, 7.0017,
5.9654

230.0418,
251.7889, 255.0544

 2.7811, 3.4632,
2.7556

277.2591,

 1.0391, 1.3781,

302.7513, 308.0155

0.9712

330.5319,
360.1644, 367.8431

■ 0.0000, 0.2005,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4457, 59.9497,
58.0448

■ 53.4457, 59.9497,
58.0448

■ 46.4528, 56.5924,
46.6054

■ 61.5099, 63.8251,
71.2338

■ 40.4816, 53.7241,
36.8383

■ 70.6827, 68.2313,
86.2374

■ 35.4856, 51.3243,
28.6666

■ 81.0055, 73.1899,
103.1220

■ 31.4132, 49.3681,
22.0054

■ 81.8470, 73.5941,
104.4990

■ 28.2078, 47.8284,
16.7622

■ 25.8065, 46.6750,
12.8345

■ 24.1382, 45.8736,
10.1056

■ 23.1193, 45.3841,
8.4388

■ 22.6254, 45.1469,
7.6309

Harmonies

Analogous

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



55.1849, 59.9497, 54.2795



53.4457, 59.9497, 58.0448



52.6559, 59.9497, 63.9460

Triad

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



53.4457, 59.9497, 58.0448



56.5144, 59.9497, 78.8302



61.1561, 59.9497, 60.2146

Complementary

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



53.4457, 59.9497, 58.0448



56.0305, 55.2270, 67.3841

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.



61.5354, 59.9497, 66.6223



53.4457, 59.9497, 58.0448



58.8144, 59.9497, 77.6634

Square

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



53.4457, 59.9497, 58.0448



54.3965, 59.9497, 76.1706



60.6676, 59.9497, 73.0820



59.6449, 59.9497, 55.4714

Rectangle

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



53.4457, 59.9497, 58.0448



52.7584, 59.9497, 68.4144



60.6676, 59.9497, 73.0820



61.4219, 59.9497, 62.2332

Sweetspot

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



53.4474, 59.9523, 58.0461



92.3882, 98.7214, 104.5461



57.9749, 62.2863, 58.2578



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



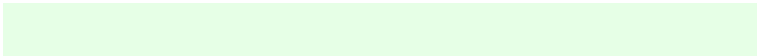
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4474, 59.9523, 58.0461



82.4458, 93.9455, 88.2836



54.4105, 60.3375, 63.1181



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



56.0305, 55.2270, 67.3841



87.4478, 84.7957, 106.3655



55.0122, 54.8197, 62.0213



12.3109, 12.0091, 14.9127



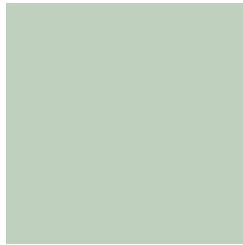
23.3079, 11.1960, 38.1233



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 53.4457, 59.9497, 58.0448 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 53.4457, 59.9497, 58.0448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

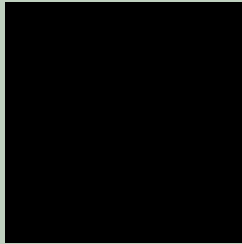
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

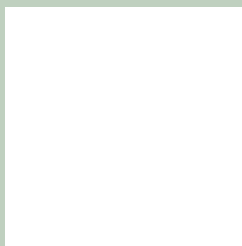
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4457, 59.9497, 58.0448

Background



This preview shows how black text looks on a background with the XYZ color 53.4457, 59.9497, 58.0448.



This preview shows how white text looks on a background with the XYZ color 53.4457, 59.9497,

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

53.4457, 59.9497, 58.0448

Protanopia

56.7760, 59.5735, 56.0834

Deuteranopia

60.7296, 59.4989, 58.7357



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

53.4457, 59.9497, 58.0448

Protanomaly

55.4068, 59.5564, 56.7194

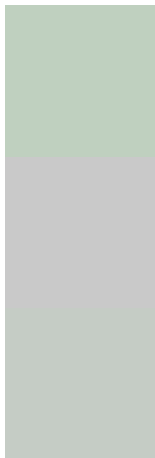
Deuteranomaly

57.6093, 59.2605, 58.2712

Tritanomaly

55.5881, 59.7354, 68.9219

Monochromacy



Original Color

53.4457, 59.9497, 58.0448

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6969, 59.0873, 61.3455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4457, 59.9497, 58.0448 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, 208, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 191)  
}
```

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, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 191) }
```

Border

The CSS property to change the border of an element to XYZ 53.4457, 59.9497, 58.0448 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, 208, 191) }
```


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

```
.border{ border-color:rgb(191, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4457, 59.9497, 58.0448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 191) }
```

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

```
.background{ background-color: rgb(191,  
208, 191) }
```

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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