

Converting Colors

XYZ(50.8176, 53.8959, 59.2700)

Have a look what the booklet for
XYZ(50.8176, 53.8959, 59.2700)
contains.

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Color

**XYZ(50.8513, 54.0467,
59.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC3C3
RGB	191, 195, 195
RGB Percent	75%, 76%, 76%
CMY	0.2510, 0.2353, 0.2353
CMYK	0.02, 0.00, 0.00, 0.24
HSL	180°, 3%, 76%
HSV	180°, 2%, 76%
XYZ	50.8513, 54.0467, 59.3817
YIQ	193.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

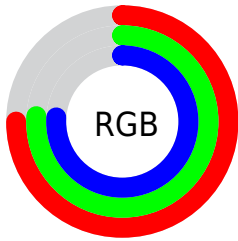
Format	Color
R_{YB}	191, 193, 195
Decimal	12567491
CIE _{Lab}	78.49, -1.37, -0.49
CIE _{LCh}	78, 1.460, 199.665
Yxy	54.0467, 0.3095, 0.3290
Android (android.graphics.Color)	4290757571 (0xFFBFC3C3)
YUV	193.8040, 0.5896, -2.4591
Hunter-Lab	73.5165, -5.1854, 3.5710

Details

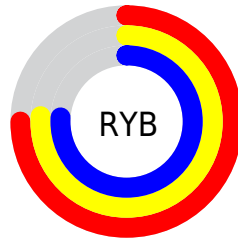
The XYZ color **50.8513, 54.0467, 59.3817** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5424, 52.6267, 56.7869**, and the grayscale version is **51.1612, 53.8256, 58.6161**.

A 20% lighter version of the original color is **90.7389, 96.4232, 105.9246**, and **24.8138, 26.3761, 28.9826** is the 20% darker color. If you saturate the color by 10%, you get **46.2688, 51.6861, 59.1593**, and if you desaturate by 10%, it is **56.0898, 56.7486, 59.6370**.

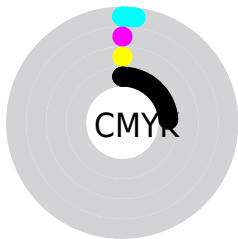
Distribution



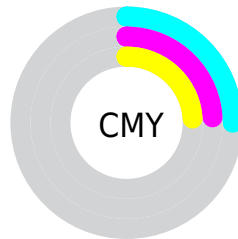
- Red (75%)
- Green (76%)
- Blue (76%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8513, 54.0467, 59.3817 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 50.8513, 54.0467, 59.3817 by changing the saturation by 10% instead.

■ 50.8513, 54.0467,
59.3817

■ 50.8513, 54.0467,
59.3817

380.3830,
402.2881, 440.0562

■ 36.3108, 38.6390,
42.4984

■ 90.6192, 96.1428,
105.4668

■ 24.8456, 26.4790,
29.1633

116.5774,
123.6000, 135.5057

■ 16.0902, 17.1823,
18.9577

147.0722,
155.8425, 170.7669

■ 9.6792, 10.3646,
11.4632

182.4690,
193.2547, 211.6689

■ 5.2474, 5.6413,
6.2613

223.1331,
236.2209, 258.6303

■ 2.4294, 2.6282,
2.9332

269.4299,

■ 0.8598, 0.9409,

285.1256, 312.0696

1.0606

321.7247,
340.3532, 372.4054

■ 0.0000, 0.0000,
0.0000

■ 50.8513, 54.0467,
59.3817

■ 50.8513, 54.0467,
59.3817

■ 46.2688, 51.6861,
59.1593

■ 56.0898, 56.7486,
59.6370

■ 42.3121, 49.6465,
58.9651

■ 62.0040, 59.7972,
59.9228

■ 38.9555, 47.9163,
58.7990

■ 68.6182, 63.2068,
60.2414

■ 36.1697, 46.4804,
58.6596

■ 70.6135, 64.2352,
60.3438

■ 33.9229, 45.3223,
58.5454

■ 70.6153, 64.2359,
60.3529

■ 32.1802, 44.4241,
58.4548

■ 70.6170, 64.2366,
60.3620

■ 30.9027, 43.7657,
58.3860

■ 70.6187, 64.2373,
60.3712

■ 30.0458, 43.3242,
58.3369

■ 70.6205, 64.2380,
60.3803

■ 29.5563, 43.0720,
58.3050

■ 70.6222, 64.2387,
60.3894

Harmonies

Analogous

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



50.8282, 54.0467, 58.5643



50.8513, 54.0467, 59.3817



51.0130, 54.0467, 60.0620

Triad

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



50.8513, 54.0467, 59.3817



51.7920, 54.0467, 59.8777



51.4689, 54.0467, 57.3049

Complementary

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



50.8513, 54.0467, 59.3817



50.5424, 52.6267, 56.7869

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.



51.7282, 54.0467, 57.6499



50.8513, 54.0467, 59.3817



51.9152, 54.0467, 59.1320

Square

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



50.8513, 54.0467, 59.3817



51.5559, 54.0467, 60.3502



51.8917, 54.0467, 58.3168



51.1841, 54.0467, 57.3703

Rectangle

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



50.8513, 54.0467, 59.3817



51.1780, 54.0467, 60.3437



51.8917, 54.0467, 58.3168



51.5620, 54.0467, 57.3766

Sweetspot

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



50.8528, 54.0490, 59.3829



91.9913, 97.2707, 106.3948



50.4233, 53.8791, 57.0332



20.1549, 21.3063, 23.2999



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.



50.8528, 54.0490, 59.3829



91.0927, 96.8075, 106.3511



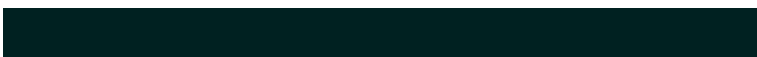
50.4224, 53.1876, 59.2412



11.1338, 11.8230, 12.9797



19.0749, 27.9240, 37.8830



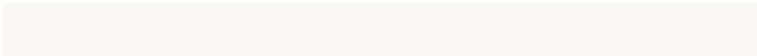
0.8243, 1.2066, 1.6374

Inverse Universe

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



50.5424, 52.6267, 56.7869



90.5427, 94.2871, 101.7508



50.9669, 53.4761, 56.9267



11.0718, 11.5390, 12.4615



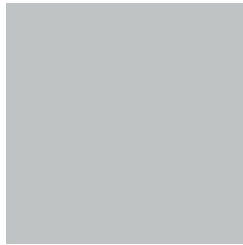
14.6282, 7.5410, 0.6882



0.6322, 0.3259, 0.0303

Previews

White Background



This preview shows how the XYZ color 50.8513, 54.0467, 59.3817 looks on a white background.

Color Contrast Check

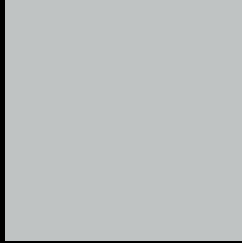
Large Text (above 18pt) WCAG AA × Fail

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 50.8513, 54.0467, 59.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

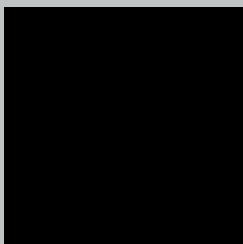
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

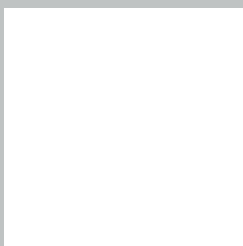
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8513, 54.0467, 59.3817

Background



This preview shows how black text looks on a background with the XYZ color 50.8513, 54.0467, 59.3817.



This preview shows how white text looks on a background with the XYZ color 50.8513, 54.0467,

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

50.8513, 54.0467, 59.3817

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

55.0984, 53.9490, 59.7338



Tritanopia

52.4474, 54.0315, 67.3393

Trichromacy



Original Color

50.8513, 54.0467, 59.3817

Protanomaly

51.5351, 54.0807, 58.7614

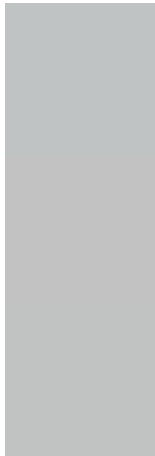
Deuteranomaly

53.4964, 54.0845, 59.8443

Tritanomaly

51.8095, 54.1018, 64.2120

Monochromacy



Original Color

50.8513, 54.0467, 59.3817

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0217, 53.8161, 58.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8513, 54.0467, 59.3817 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.8513, 54.0467, 59.3817 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, 195, 195) }
```


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

```
.border{ border-color:rgb(191, 195, 195) }
```

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

Here you see how a box with a 4 pixel rgb(191, 195, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8513, 54.0467, 59.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 195) }
```

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

```
.background{ background-color: rgb(191,  
195, 195) }
```

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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