

Converting Colors

XYZ(50.3457, 53.0863, 57.7775)

Have a look what the booklet for
XYZ(50.3457, 53.0863, 57.7775)
contains.

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Color

**XYZ(50.4338, 53.1967,
58.0619)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C1C1
RGB	192, 193, 193
RGB Percent	75%, 76%, 76%
CMY	0.2471, 0.2431, 0.2431
CMYK	0.01, 0.00, 0.00, 0.24
HSL	180°, 1%, 75%
HSV	180°, 1%, 76%
XYZ	50.4338, 53.1967, 58.0619
YIQ	192.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

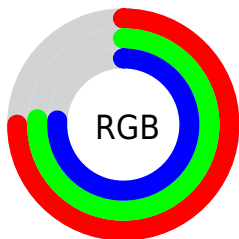
Format	Color
RYB	192, 193, 193
Decimal	12632513
CIELab	77.99, -0.34, -0.13
CIELCh	78, 0.366, 200.825
Yxy	53.1967, 0.3119, 0.3290
Android (android.graphics.Color)	4290822593 (0xFFC0C1C1)
YUV	192.7010, 0.1474, -0.6148
Hunter-Lab	72.9361, -4.2090, 3.8565

Details

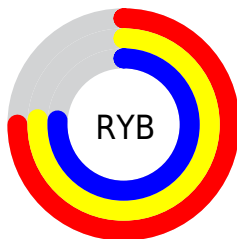
The XYZ color **50.4338, 53.1967, 58.0619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3583, 52.8438, 57.4175**, and the grayscale version is **50.5138, 53.1444, 57.8743**.

A 20% lighter version of the original color is **89.6860, 94.5474, 103.1450**, and **24.7592, 26.1386, 28.5512** is the 20% darker color. If you saturate the color by 10%, you get **45.8567, 50.8395, 57.8096**, and if you desaturate by 10%, it is **55.6548, 55.8888, 58.3466**.

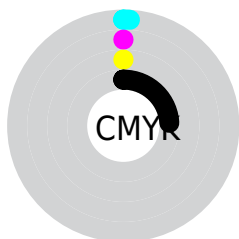
Distribution



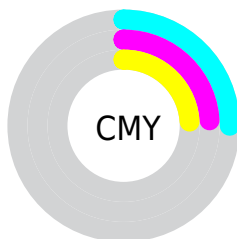
- Red (75%)
- Green (76%)
- Blue (76%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4338, 53.1967, 58.0619 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 50.4338, 53.1967, 58.0619 by changing the saturation by 10% instead.

■ 50.4338, 53.1967,
58.0619

■ 50.4338, 53.1967,
58.0619

378.7840,
399.0393, 435.0212

■ 35.9774, 37.9598,
41.4434

□ 90.0053, 94.8937,
103.5287

■ 24.5868, 25.9515,
28.3434

115.8511,
122.1227, 133.2140

■ 15.8965, 16.7874,
18.3434

146.2240,
154.1178, 168.0920

■ 9.5414, 10.0830,
11.0248

181.4895,
191.2634, 208.5812

■ 5.1559, 5.4540,
5.9691

222.0129,
233.9440, 255.1002

■ 2.3747, 2.5160,
2.7578

268.1595,

■ 0.8325, 0.8847,

282.5439, 308.0675

0.9724

320.2948,
337.4476, 367.9017

■ 0.0000, 0.0000,
0.0000

■ 50.4338, 53.1967,
58.0619

■ 50.4338, 53.1967,
58.0619

■ 45.8567, 50.8395,
57.8096

■ 55.6548, 55.8888,
58.3466

■ 41.8943, 48.7977,
57.5849

■ 61.5385, 58.9212,
58.6612

■ 38.5217, 47.0599,
57.3879

■ 68.1088, 62.3074,
59.0079

■ 35.7106, 45.6116,
57.2172

■ 69.9669, 63.2644,
59.1342

■ 33.4306, 44.4371,
57.0713

■ 69.9744, 63.2674,
59.1738

■ 31.6480, 43.5190,
56.9488

■ 69.9820, 63.2704,
59.2135

■ 30.3258, 42.8382,
56.8478

■ 69.9895, 63.2735,
59.2532

■ 29.4214, 42.3728,
56.7664

■ 69.9971, 63.2765,
59.2929

■ 28.8844, 42.0969,
56.7022

■ 70.0046, 63.2795,
59.3327

Harmonies

Analogous

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



50.4266, 53.1967, 57.8596



50.4338, 53.1967, 58.0619



50.4753, 53.1967, 58.2272

Triad

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



50.4338, 53.1967, 58.0619



50.6683, 53.1967, 58.1706



50.5837, 53.1967, 57.5353

Complementary

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



50.4338, 53.1967, 58.0619



50.3583, 52.8438, 57.4175

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.



50.6485, 53.1967, 57.6182



50.4338, 53.1967, 58.0619



50.6974, 53.1967, 57.9848

Square

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



50.4338, 53.1967, 58.0619



50.6106, 53.1967, 58.2900



50.6902, 53.1967, 57.7827



50.5131, 53.1967, 57.5559

Rectangle

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



50.4338, 53.1967, 58.0619



50.5168, 53.1967, 58.2939



50.6902, 53.1967, 57.7827



50.6069, 53.1967, 57.5520

Sweetspot

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



50.4353, 53.1990, 58.0631



90.7827, 95.5105, 104.0109



50.3283, 53.1567, 57.4774



19.4759, 20.4902, 22.3138



92.9021, 97.7402, 106.4391

Same Dimension

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



50.4353, 53.1990, 58.0631



89.8922, 95.0515, 103.9621



50.3286, 52.9850, 58.0294



11.2349, 11.8751, 12.9840



19.0368, 27.9088, 37.6823



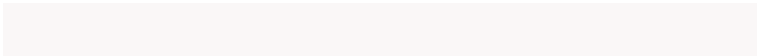
0.8230, 1.2061, 1.6308

Inverse Universe

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



50.3583, 52.8438, 57.4175



89.6239, 93.8133, 101.7116



50.4647, 53.0571, 57.4510



11.2040, 11.7324, 12.7246



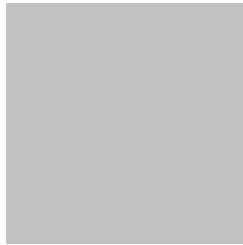
14.6306, 7.5420, 0.7007



0.6326, 0.3261, 0.0329

Previews

White Background



This preview shows how the XYZ color 50.4338, 53.1967, 58.0619 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 50.4338, 53.1967, 58.0619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

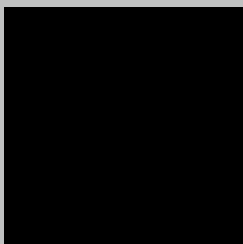
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

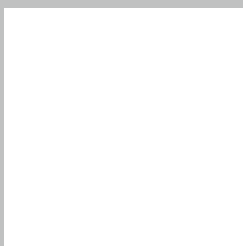
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4338, 53.1967, 58.0619

Background



This preview shows how black text looks on a background with the XYZ color 50.4338, 53.1967, 58.0619.

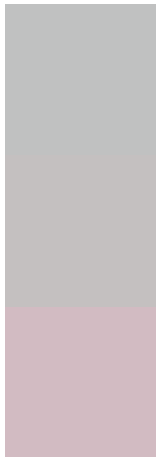


This preview shows how white text looks on a background with the XYZ color 50.4338, 53.1967,

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

50.4338, 53.1967, 58.0619

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

54.0863, 53.1373, 58.4448



Tritanopia

52.0195, 53.1872, 65.9169

Trichromacy



Original Color

50.4338, 53.1967, 58.0619

Protanomaly

50.8697, 53.1071, 57.4388

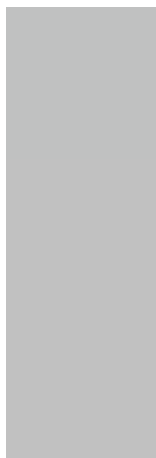
Deuteranomaly

52.5638, 52.9867, 58.4960

Tritanomaly

51.3846, 53.2538, 62.8291

Monochromacy



Original Color

50.4338, 53.1967, 58.0619

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6879, 53.3276, 58.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4338, 53.1967, 58.0619 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(192, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 193)  
}
```

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(192, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.4338, 53.1967, 58.0619 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(192, 193, 193) }
```

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

```
.border{ border-color:rgb(192, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 50.4338, 53.1967, 58.0619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 193) }
```

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

```
.background{ background-color: rgb(192,  
193, 193) }
```

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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