

Converting Colors

XYZ(50.6836, 52.9486, 58.2198)

Have a look what the booklet for
XYZ(50.6836, 52.9486, 58.2198)
contains.

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Color

**XYZ(50.7234, 53.0189,
58.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C0C1
RGB	194, 192, 193
RGB Percent	76%, 75%, 76%
CMY	0.2392, 0.2470, 0.2431
CMYK	0.00, 0.01, 0.01, 0.24
HSL	330°, 2%, 76%
HSV	330°, 1%, 76%
XYZ	50.7234, 53.0189, 58.0123
YIQ	192.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

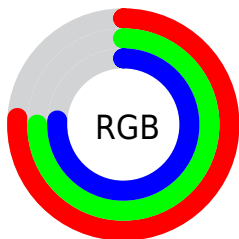
Format	Color
RYB	194, 192, 193
Decimal	12763329
CIELab	77.89, 0.88, -0.26
CIElCh	78, 0.922, 343.306
Yxy	53.0189, 0.3136, 0.3278
Android (android.graphics.Color)	4290953409 (0xFFC2C0C1)
YUV	192.7120, 0.1420, 1.1296
Hunter-Lab	72.8141, -3.0788, 3.7324

Details

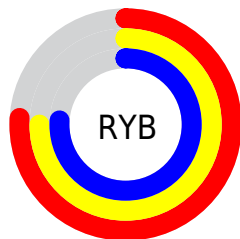
The XYZ color **50.7234, 53.0189, 58.0123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6576, 53.6416, 58.1387**, and the grayscale version is **50.5196, 53.1506, 57.8810**.

A 20% lighter version of the original color is **90.0906, 94.2983, 103.0756**, and **24.7815, 25.9341, 28.5106** is the 20% darker color. If you saturate the color by 10%, you get **45.6932, 44.6360, 51.1627**, and if you desaturate by 10%, it is **56.3893, 62.5578, 65.4265**.

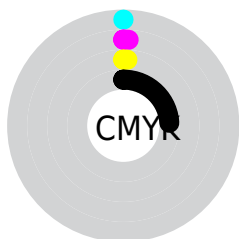
Distribution



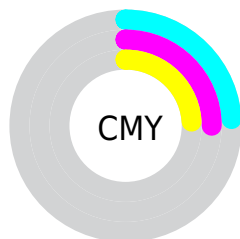
- Red (76%)
- Green (75%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7234, 53.0189, 58.0123 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 50.7234, 53.0189, 58.0123 by changing the saturation by 10% instead.

■ 50.7234, 53.0189,
58.0123

■ 50.7234, 53.0189,
58.0123

379.8936,
398.3576, 434.8313

■ 36.2087, 37.8179,
41.4038

□ 90.4312, 94.6322,
103.4557

■ 24.7663, 25.8414,
28.3126

116.3550,
121.8132, 133.1277

■ 16.0308, 16.7050,
18.3204

146.8125,
153.7563, 167.9912

■ 9.6369, 10.0244,
11.0084

182.1691,
190.8460, 208.4649

■ 5.2193, 5.4151,
5.9583

222.7902,
233.4666, 254.9672

■ 2.4126, 2.4928,
2.7513

269.0410,

■ 0.8514, 0.8730,

282.0024, 307.9166

0.9691

321.2870,
336.8380, 367.7318

■ 0.0000, 0.0000,
0.0000

■ 50.7234, 53.0189,
58.0123

■ 50.7234, 53.0189,
58.0123

■ 45.6932, 44.6360,
51.1627

■ 56.3893, 62.5578,
65.4265

■ 41.2711, 37.3582,
44.8598

■ 62.7083, 73.2876,
73.4157

■ 37.4340, 31.1407,
39.0897

■ 69.7028, 85.2503,
81.9943

■ 34.1555, 25.9332,
33.8365

■ 72.5550, 88.8081,
89.5625

■ 31.4072, 21.6811,
29.0834

■ 73.9729, 89.3753,
97.0291

■ 29.1579, 18.3249,
24.8124

■ 75.4683, 89.9734,
104.9038

■ 27.3733, 15.7980,
21.0040

■ 76.0584, 90.2095,
108.0112

■ 26.0140, 14.0245,
17.6371

■ 25.0335, 12.9144,
14.6876

Harmonies

Analogous

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



50.6294, 53.0189, 58.4491



50.7234, 53.0189, 58.0123



50.7287, 53.0189, 57.5019

Triad

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



50.7234, 53.0189, 58.0123



50.3137, 53.0189, 56.7742



50.1427, 53.0189, 58.4076

Complementary

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



50.7234, 53.0189, 58.0123



50.6576, 53.6416, 58.1387

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.



50.0585, 53.0189, 57.9558



50.7234, 53.0189, 58.0123



50.1571, 53.0189, 57.0140

Square

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



50.7234, 53.0189, 58.0123



50.4918, 53.0189, 56.7892



50.0638, 53.0189, 57.4458



50.2940, 53.0189, 58.6783

Rectangle

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



50.7234, 53.0189, 58.0123



50.6812, 53.0189, 57.1888



50.0638, 53.0189, 57.4458



50.1057, 53.0189, 58.2717

Sweetspot

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



50.7249, 53.0212, 58.0135



92.9021, 97.7402, 106.4391



50.5815, 52.9343, 58.5910



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



50.7249, 53.0212, 58.0135



91.9124, 96.0812, 105.1215



50.6141, 52.9769, 57.4299



11.2262, 11.7412, 12.8413



16.0825, 8.1227, 8.3464



0.7297, 0.3649, 0.5439

Inverse Universe

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



50.7249, 53.0212, 58.0135



91.9124, 96.0812, 105.1215



50.7692, 53.6863, 58.7263



11.2262, 11.7412, 12.8413



16.0825, 8.1227, 8.3464



0.7297, 0.3649, 0.5439

Previews

White Background



This preview shows how the XYZ color 50.7234, 53.0189, 58.0123 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 50.7234, 53.0189, 58.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

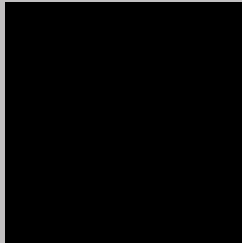
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

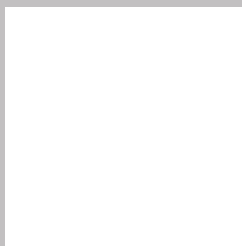
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7234, 53.0189, 58.0123

Background



This preview shows how black text looks on a background with the XYZ color 50.7234, 53.0189, 58.0123.

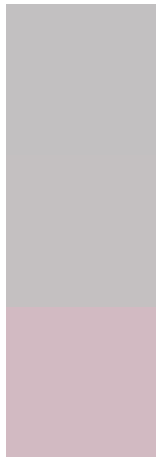


This preview shows how white text looks on a background with the XYZ color 50.7234, 53.0189,

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

50.7234, 53.0189, 58.0123

Protanopia

51.2402, 53.2853, 58.0365

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

52.1979, 52.9705, 65.2308

Trichromacy



Original Color

50.7234, 53.0189, 58.0123

Protanomaly

50.9810, 53.1516, 58.0244

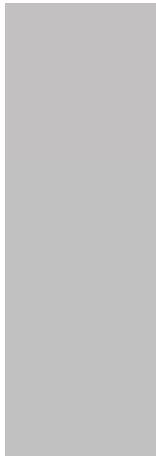
Deuteranomaly

52.6227, 52.6989, 58.4373

Tritanomaly

51.6791, 53.0808, 62.7802

Monochromacy



Original Color

50.7234, 53.0189, 58.0123

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 50.7234, 53.0189, 58.0123 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(194, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 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(194, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.7234, 53.0189, 58.0123 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(194, 192, 193) }
```

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

```
.border{ border-color:rgb(194, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 50.7234, 53.0189, 58.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 193) }
```

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

```
.background{ background-color: rgb(194,  
192, 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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