

Converting Colors

XYZ(50.0590, 53.1759, 57.7484)

Have a look what the booklet for
XYZ(50.0590, 53.1759, 57.7484)
contains.

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Color

**XYZ(50.0414, 53.3365,
57.5267)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC2C0
RGB	190, 194, 192
RGB Percent	75%, 76%, 75%
CMY	0.2549, 0.2392, 0.2471
CMYK	0.02, 0.00, 0.01, 0.24
HSL	150°, 3%, 75%
HSV	150°, 2%, 76%
XYZ	50.0414, 53.3365, 57.5267
YIQ	192.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

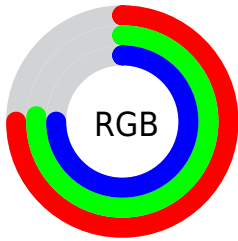
Format	Color
RYB	190, 193, 194
Decimal	12501696
CIELab	78.07, -1.75, 0.51
CIELCh	78, 1.823, 163.703
Yxy	53.3365, 0.3110, 0.3315
Android (android.graphics.Color)	4290691776 (0xFFBEC2C0)
YUV	192.5760, -0.2840, -2.2592
Hunter-Lab	73.0318, -5.4976, 4.4199

Details

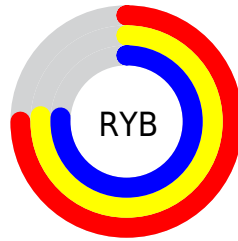
The XYZ color **50.0414, 53.3365, 57.5267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1780, 52.1033, 57.2840**, and the grayscale version is **50.4434, 53.0704, 57.7936**.

A 20% lighter version of the original color is **89.1349, 94.7414, 102.3959**, and **24.3548, 25.9386, 28.1491** is the 20% darker color. If you saturate the color by 10%, you get **44.4745, 50.5884, 51.8359**, and if you desaturate by 10%, it is **56.3273, 56.4501, 63.6238**.

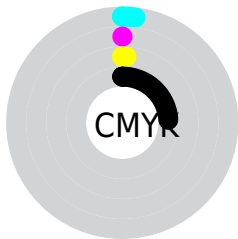
Distribution



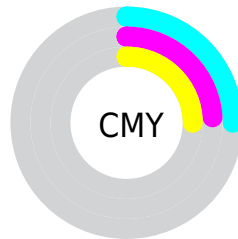
- Red (75%)
- Green (76%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0414, 53.3365, 57.5267 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 50.0414, 53.3365, 57.5267 by changing the saturation by 10% instead.

■ 50.0414, 53.3365,
57.5267

■ 50.0414, 53.3365,
57.5267

377.2771,
399.5748, 432.9689

■ 35.6642, 38.0715,
41.0161

■ 89.4277, 95.0993,
102.7413

■ 24.3439, 26.0382,
28.0119

115.1675,
122.3659, 132.2823

■ 15.7150, 16.8522,
18.0955

145.4255,
154.4018, 167.0039

■ 9.4123, 10.1292,
10.8484

180.5672,
191.5914, 207.3245

■ 5.0703, 5.4847,
5.8521

220.9579,
234.3192, 253.6628

■ 2.3238, 2.5344,
2.6880

266.9628,

■ 0.8068, 0.8938,

282.9693, 306.4373

0.9374

318.9475,
337.9264, 366.0665

■ 0.0000, 0.0000,
0.0000

■ 50.0414, 53.3365,
57.5267

■ 50.0414, 53.3365,
57.5267

■ 44.4745, 50.5884,
51.8359

■ 56.3273, 56.4501,
63.6238

■ 39.5954, 48.1853,
46.5394

■ 63.3530, 59.9352,
70.1317

■ 35.3773, 46.1151,
41.6300

■ 71.1438, 63.8062,
77.0594

■ 31.7898, 44.3622,
37.0985

■ 74.9328, 65.6057,
84.1904

■ 28.8000, 42.9100,
32.9357

■ 76.3412, 66.1690,
91.6068

■ 26.3721, 41.7400,
29.1319

■ 77.8268, 66.7633,
99.4300

■ 24.4660, 40.8319,
25.6768

■ 78.5828, 67.0656,
103.4109

■ 23.0358, 40.1621,
22.5595

■ 22.0274, 39.7030,
19.7686

Harmonies

Analogous

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



50.2239, 53.3365, 56.6704



50.0414, 53.3365, 57.5267



50.0335, 53.3365, 58.5394

Triad

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



50.0414, 53.3365, 57.5267



50.8569, 53.3365, 59.9974



51.1906, 53.3365, 56.7321

Complementary

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



50.0414, 53.3365, 57.5267



50.1780, 52.1033, 57.2840

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.



51.3618, 53.3365, 57.6118



50.0414, 53.3365, 57.5267



51.1686, 53.3365, 59.5013

Square

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



50.0414, 53.3365, 57.5267



50.5031, 53.3365, 59.9739



51.3537, 53.3365, 58.6255



50.8868, 53.3365, 56.2154

Rectangle

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



50.0414, 53.3365, 57.5267



50.1281, 53.3365, 59.1676



51.3537, 53.3365, 58.6255



51.2656, 53.3365, 56.9947

Sweetspot

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



50.0429, 53.3388, 57.5279



91.7916, 97.1908, 105.3430



50.3431, 53.5190, 56.3927



20.1133, 21.2897, 23.0808



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.



50.0429, 53.3388, 57.5279



90.6946, 96.6483, 104.2545



50.2590, 53.4252, 58.6656



11.0889, 11.8050, 12.7437



14.1416, 25.9507, 11.9044



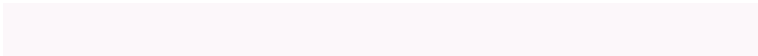
0.6458, 1.1352, 0.6976

Inverse Universe

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



50.1780, 52.1033, 57.2840



90.9355, 94.4442, 103.8195



49.9647, 52.0180, 56.1612



11.1161, 11.5567, 12.6947



16.0898, 8.1257, 8.3847



0.7300, 0.3650, 0.5455

Previews

White Background



This preview shows how the XYZ color 50.0414, 53.3365, 57.5267 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 50.0414, 53.3365, 57.5267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

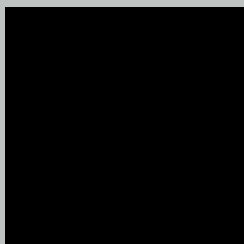
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

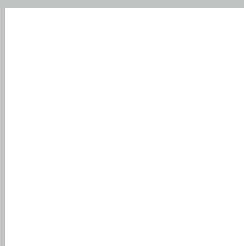
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0414, 53.3365, 57.5267

Background



This preview shows how black text looks on a background with the XYZ color 50.0414, 53.3365, 57.5267.



This preview shows how white text looks on a background with the XYZ color 50.0414, 53.3365,

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

50.0414, 53.3365, 57.5267

Protanopia

51.2796, 53.3312, 56.8814

Deuteranopia

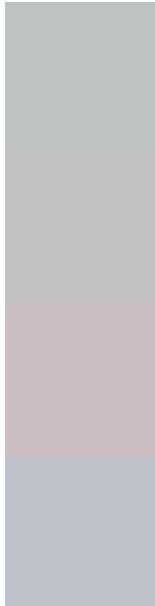
54.2599, 53.2398, 57.8686



Tritanopia

51.8503, 53.4107, 66.6080

Trichromacy



Original Color

50.0414, 53.3365, 57.5267

Protanomaly

50.7221, 53.3709, 56.9185

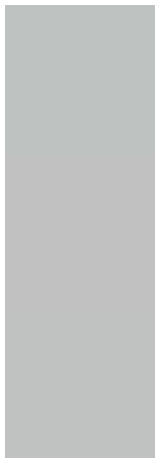
Deuteranomaly

52.6677, 53.3737, 57.9783

Tritanomaly

51.2165, 53.4806, 63.5005

Monochromacy



Original Color

50.0414, 53.3365, 57.5267

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4338, 53.1967, 58.0619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0414, 53.3365, 57.5267 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(190, 194, 192) looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 192)  
}
```

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(190, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 192) }
```

Border

The CSS property to change the border of an element to XYZ 50.0414, 53.3365, 57.5267 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(190, 194, 192) }
```


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

```
.border{ border-color:rgb(190, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0414, 53.3365, 57.5267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 192) }
```

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

```
.background{ background-color: rgb(190,  
194, 192) }
```

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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