

Converting Colors

XYZ(50.1923, 53.3746, 56.3286)

Have a look what the booklet for
XYZ(50.1923, 53.3746, 56.3286)
contains.

XYZ(50.3243, 53.5077, 56.3909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.3243, 53.5077,
56.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2BE
RGB	192, 194, 190
RGB Percent	75%, 76%, 75%
CMY	0.2471, 0.2392, 0.2549
CMYK	0.01, 0.00, 0.02, 0.24
HSL	90°, 3%, 75%
HSV	90°, 2%, 76%
XYZ	50.3243, 53.5077, 56.3909
YIQ	192.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

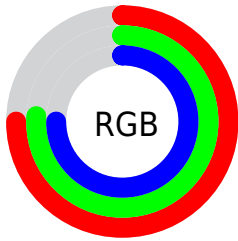
Format	Color
RYB	190, 194, 192
Decimal	12632766
CIELab	78.17, -1.42, 1.76
CIElCh	78, 2.260, 129.029
Yxy	53.5077, 0.3141, 0.3340
Android (android.graphics.Color)	4290822846 (0xFFC0C2BE)
YUV	192.9460, -1.4524, -0.8296
Hunter-Lab	73.1490, -5.2080, 5.4973

Details

The XYZ color **50.3243, 53.5077, 56.3909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8913, 51.9299, 58.4355**, and the grayscale version is **50.6663, 53.3049, 58.0491**.

A 20% lighter version of the original color is **89.5316, 94.9815, 100.8032**, and **24.5409, 26.0513, 27.4019** is the 20% darker color. If you saturate the color by 10%, you get **45.9663, 51.4915, 45.8452**, and if you desaturate by 10%, it is **55.1298, 55.7250, 68.4332**.

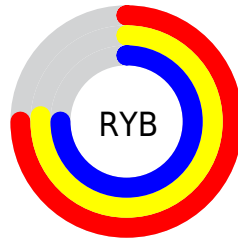
Distribution



Red (75%)

Green (76%)

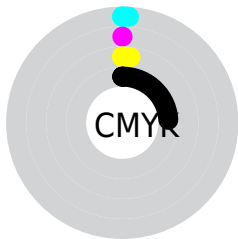
Blue (75%)



Red (75%)

Yellow (76%)

Blue (75%)

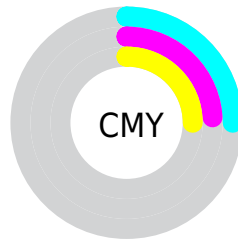


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3243, 53.5077, 56.3909 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 50.3243, 53.5077, 56.3909 by changing the saturation by 10% instead.

■ 50.3243, 53.5077,
56.3909

■ 50.3243, 53.5077,
56.3909

378.3639,
400.2299, 428.5926

■ 35.8900, 38.2082,
40.1103

■ 89.8441, 95.3510,
101.0674

■ 24.5190, 26.1443,
27.3101

115.6604,
122.6637, 130.3004

■ 15.8459, 16.9316,
17.5718

146.0013,
154.7495, 164.6879

■ 9.5053, 10.1858,
10.4767

181.2323,
191.9928, 204.6485

■ 5.1319, 5.5223,
5.6065

221.7187,
234.7782, 250.6007

■ 2.3604, 2.5569,
2.5424

267.8259,

■ 0.8253, 0.9050,

283.4899, 302.9631

0.8625

319.9191,
338.5123, 362.1543

■ 0.0000, 0.0000,
0.0000

■ 50.3243, 53.5077,
56.3909

■ 50.3243, 53.5077,
56.3909

■ 45.9663, 51.4915,
45.8452

■ 55.1298, 55.7250,
68.4332

■ 42.0371, 49.6635,
36.7341

■ 60.3917, 58.1423,
82.0238

■ 38.5232, 48.0197,
28.9965

■ 66.1244, 60.7673,
97.2161

■ 35.4087, 46.5532,
22.5656

■ 70.2439, 62.7667,
103.0207

■ 32.6764, 45.2568,
17.3690

■ 73.4618, 64.4256,
103.1713

■ 30.3077, 44.1228,
13.3271

■ 76.8563, 66.1755,
103.3301

■ 28.2822, 43.1423,
10.3512

■ 78.5828, 67.0656,
103.4109

■ 26.5767, 42.3059,
8.3395

■ 25.1643, 41.6022,
7.1707

Harmonies

Analogous

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



50.7242, 53.5077, 55.8905



50.3243, 53.5077, 56.3909



50.0682, 53.5077, 57.3943

Triad

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



50.3243, 53.5077, 56.3909



50.5540, 53.5077, 60.5626



51.7012, 53.5077, 57.8797

Complementary

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



50.3243, 53.5077, 56.3909



49.8913, 51.9299, 58.4355

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.



51.6550, 53.5077, 59.1360



50.3243, 53.5077, 56.3909



50.9909, 53.5077, 60.6971

Square

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



50.3243, 53.5077, 56.3909



50.2003, 53.5077, 59.8066



51.3944, 53.5077, 60.1716



51.5203, 53.5077, 56.7419

Rectangle

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



50.3243, 53.5077, 56.3909



50.0127, 53.5077, 58.2196



51.3944, 53.5077, 60.1716



51.7117, 53.5077, 58.3020

Sweetspot

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



50.3258, 53.5100, 56.3921



92.0465, 97.3452, 104.3194



50.3940, 52.8883, 56.2685



20.1664, 21.3218, 22.8675



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.



50.3258, 53.5100, 56.3921



91.1993, 96.9538, 102.2277



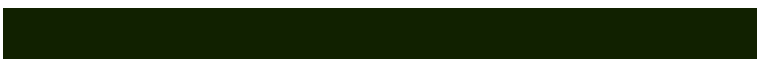
49.8228, 53.2507, 56.3685



11.1458, 11.8395, 12.5152



16.0142, 27.0845, 4.3838



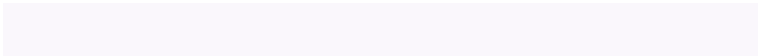
0.7714, 1.2112, 0.1931

Inverse Universe

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



49.8913, 51.9299, 58.4355



90.4240, 94.1345, 105.8737



50.4012, 52.1927, 58.4594



11.0585, 11.5219, 12.9259



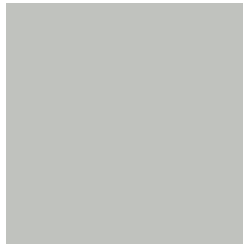
9.7433, 4.2833, 33.8698



0.5005, 0.2261, 1.4671

Previews

White Background



This preview shows how the XYZ color 50.3243, 53.5077, 56.3909 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 50.3243, 53.5077, 56.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

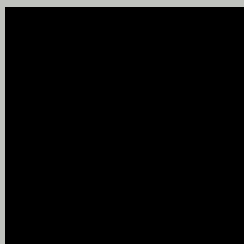
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

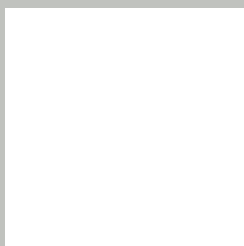
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3243, 53.5077, 56.3909

Background



This preview shows how black text looks on a background with the XYZ color 50.3243, 53.5077, 56.3909.



This preview shows how white text looks on a background with the XYZ color 50.3243, 53.5077,

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

50.3243, 53.5077, 56.3909

Protanopia

51.3236, 53.3792, 55.7423

Deuteranopia

54.3257, 53.2993, 56.7147



Tritanopia

52.3990, 53.3687, 66.5710

Trichromacy



Original Color

50.3243, 53.5077, 56.3909

Protanomaly

51.0202, 53.5498, 55.7912

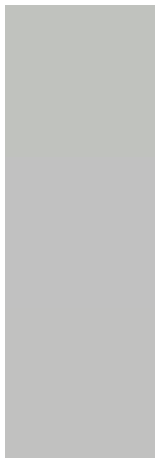
Deuteranomaly

52.9943, 53.5676, 56.8367

Tritanomaly

51.6404, 53.3857, 62.8411

Monochromacy



Original Color

50.3243, 53.5077, 56.3909

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5767, 53.2832, 57.4882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3243, 53.5077, 56.3909 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, 194, 190) looks like.

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

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, 194, 190) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 50.3243, 53.5077, 56.3909 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, 194, 190) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 50.3243, 53.5077, 56.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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