

Converting Colors

XYZ(49.0558, 51.6837, 50.0383)

Have a look what the booklet for
XYZ(49.0558, 51.6837, 50.0383)
contains.

XYZ(49.0558, 51.6837, 50.0383)	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(49.0558, 51.6837,
50.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BEB3
RGB	195, 190, 179
RGB Percent	76%, 75%, 70%
CMY	0.2353, 0.2549, 0.2980
CMYK	0.00, 0.03, 0.08, 0.24
HSL	41°, 12%, 73%
HSV	41°, 8%, 76%
XYZ	49.0558, 51.6837, 50.0383
YIQ	190.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

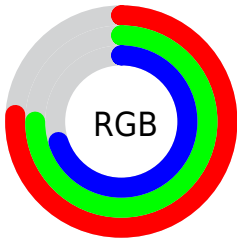
Format	Color
RYB	186, 195, 179
Decimal	12828339
CIELab	77.09, -0.19, 6.16
CIElCh	77, 6.165, 91.722
Yxy	51.6837, 0.3254, 0.3428
Android (android.graphics.Color)	4291018419 (0xFFC3BEB3)
YUV	190.2410, -5.5418, 4.1736
Hunter-Lab	71.8914, -4.0086, 9.0566

Details

The XYZ color **49.0558, 51.6837, 50.0383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5811, 47.8040, 58.4549**, and the grayscale version is **49.1119, 51.6696, 56.2682**.

A 20% lighter version of the original color is **88.0960, 92.6051, 91.8287**, and **23.6961, 25.0604, 23.3269** is the 20% darker color. If you saturate the color by 10%, you get **45.9305, 48.3689, 39.9448**, and if you desaturate by 10%, it is **52.5180, 55.2249, 61.6214**.

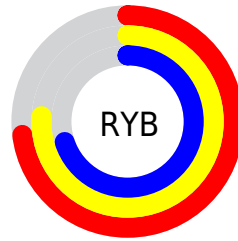
Distribution



Red (76%)

Green (75%)

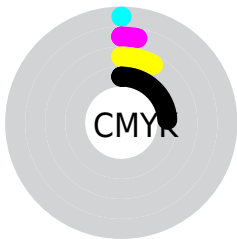
Blue (70%)



Red (73%)

Yellow (76%)

Blue (70%)

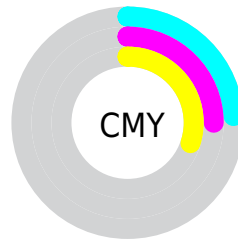


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0558, 51.6837, 50.0383 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 49.0558, 51.6837, 50.0383 by changing the saturation by 10% instead.

■ 49.0558, 51.6837,
50.0383

■ 49.0558, 51.6837,
50.0383

373.4753,
393.2143, 403.5551

■ 34.8785, 36.7530,
35.0724

■ 87.9745, 92.6646,
91.6285

■ 23.7353, 25.0163,
23.4347

113.4467,
119.4836, 119.0899

■ 15.2611, 16.0892,
14.7065

143.4144,
151.0342, 151.5536

■ 9.0903, 9.5873,
8.4693

178.2432,
187.7007, 189.4381

■ 4.8577, 5.1262,
4.3046

218.2983,
229.8676, 233.1620

■ 2.1979, 2.3215,
1.7939

263.9451,

■ 0.7416, 0.7851,

277.9192, 283.1437

0.4239

315.5490,
332.2400, 339.8019

■ 0.0000, 0.0000,
0.0000

■ 49.0558, 51.6837,
50.0383

■ 49.0558, 51.6837,
50.0383

■ 45.9305, 48.3689,
39.9448

■ 52.5180, 55.2249,
61.6214

■ 43.1255, 45.2676,
31.2760

■ 56.3245, 58.9913,
74.7486

■ 40.6292, 42.3757,
23.9672

■ 60.4877, 62.9906,
89.4760

■ 38.4273, 39.6866,
17.9472

■ 64.6940, 67.0984,
104.1493

■ 36.5045, 37.1929,
13.1384

■ 66.2674, 70.2453,
104.6738

■ 34.8438, 34.8868,
9.4549

■ 67.8992, 73.5087,
105.2177

■ 33.4259, 32.7592,
6.7992

■ 69.5897, 76.8899,
105.7812

■ 32.2286, 30.8001,
5.0570

■ 71.3398, 80.3900,
106.3646

■ 31.2174, 28.9945,
4.0517

■ 73.1498, 84.0101,
106.9679

Harmonies

Analogous

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



50.2044, 51.6837, 50.7546



49.0558, 51.6837, 50.0383



47.9428, 51.6837, 50.9368

Triad

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



49.0558, 51.6837, 50.0383



47.2227, 51.6837, 59.7539



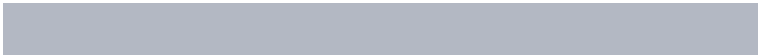
51.1451, 51.6837, 59.4033

Complementary

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



49.0558, 51.6837, 50.0383



45.5811, 47.8040, 58.4549

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.



50.3241, 51.6837, 61.9733



49.0558, 51.6837, 50.0383



48.0588, 51.6837, 62.1813

Square

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



49.0558, 51.6837, 50.0383



46.8950, 51.6837, 56.4698



49.1919, 51.6837, 63.0090



51.4221, 51.6837, 56.0801

Rectangle

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



49.0558, 51.6837, 50.0383



47.3676, 51.6837, 52.3522



49.1919, 51.6837, 63.0090



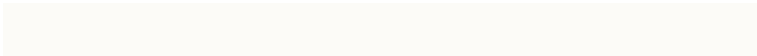
50.9229, 51.6837, 60.3885

Sweetspot

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



49.0572, 51.6860, 50.0394



91.6162, 96.4350, 102.1056



47.2851, 47.3065, 52.0236



20.0767, 21.1322, 22.4061



0.0000, 0.0000, 0.0000



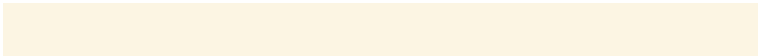
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0572, 51.6860, 50.0394



86.7231, 91.3801, 85.8888



49.4075, 53.5006, 50.3712



10.6395, 11.2105, 10.6650



20.2560, 18.7977, 2.5607



0.9344, 0.9306, 0.1304

Inverse Universe

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



45.5811, 47.8040, 58.4549



79.1189, 82.8882, 104.2988



45.2468, 46.1181, 58.1472



9.7792, 10.2497, 12.7478



7.5498, 4.8562, 34.0960



0.3890, 0.3354, 1.4941

Previews

White Background



This preview shows how the XYZ color 49.0558, 51.6837, 50.0383 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 49.0558, 51.6837, 50.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

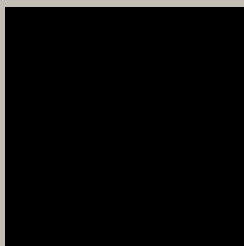
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

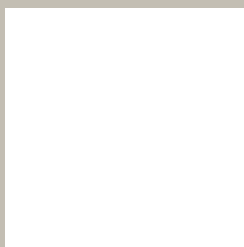
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0558, 51.6837, 50.0383

Background



This preview shows how black text looks on a background with the XYZ color 49.0558, 51.6837, 50.0383.

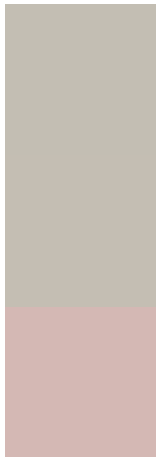


This preview shows how white text looks on a background with the XYZ color 49.0558, 51.6837,

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

49.0558, 51.6837, 50.0383

Protanopia

49.3151, 51.8173, 50.0504

Deuteranopia

52.5301, 51.5733, 50.3660



Tritanopia

51.6016, 51.7635, 62.5300

Trichromacy



Original Color

49.0558, 51.6837, 50.0383

Protanomaly

49.3151, 51.8173, 50.0504

Deuteranomaly

51.2507, 51.5349, 50.4260

Tritanomaly

50.6348, 51.6870, 57.7599

Monochromacy



Original Color

49.0558, 51.6837, 50.0383

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0146, 51.5785, 53.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0558, 51.6837, 50.0383 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(195, 190, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 179)  
}
```

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(195, 190, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 179) }
```

Border

The CSS property to change the border of an element to XYZ 49.0558, 51.6837, 50.0383 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(195, 190, 179) }
```


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

```
.border{ border-color:rgb(195, 190, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 190, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 190, 179); box-shadow:4px 4px 4px 4px rgb(195, 190, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0558, 51.6837, 50.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 179) }
```

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

```
.background{ background-color: rgb(195,  
190, 179) }
```

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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