

Converting Colors

XYZ(48.7196, 51.7366, 53.5545)

Have a look what the booklet for
XYZ(48.7196, 51.7366, 53.5545)
contains.

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Color

**XYZ(48.6230, 51.7115,
53.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBFB9
RGB	190, 191, 185
RGB Percent	75%, 75%, 73%
CMY	0.2549, 0.2510, 0.2745
CMYK	0.01, 0.00, 0.03, 0.25
HSL	70°, 4%, 74%
HSV	70°, 3%, 75%
XYZ	48.6230, 51.7115, 53.3176
YIQ	190.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

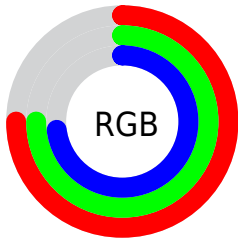
Format	Color
RYB	185, 191, 186
Decimal	12500921
CIELab	77.11, -1.44, 2.89
CIELCh	77, 3.230, 116.481
Yxy	51.7115, 0.3164, 0.3365
Android (android.graphics.Color)	4290691001 (0xFFBEBFB9)
YUV	190.0170, -2.4734, -0.0149
Hunter-Lab	71.9107, -5.1495, 6.3774

Details

The XYZ color **48.6230, 51.7115, 53.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0045, 48.9000, 56.2540**, and the grayscale version is **48.9678, 51.5180, 56.1031**.

A 20% lighter version of the original color is **87.1440, 92.4652, 96.4737**, and **23.5699, 25.1613, 25.4441** is the 20% darker color. If you saturate the color by 10%, you get **45.9527, 50.5539, 43.3647**, and if you desaturate by 10%, it is **51.5846, 52.9909, 64.7003**.

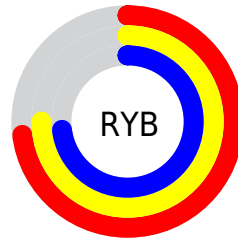
Distribution



Red (75%)

Green (75%)

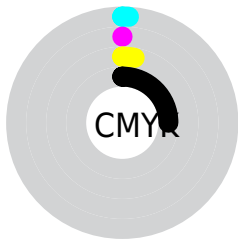
Blue (73%)



Red (73%)

Yellow (75%)

Blue (73%)

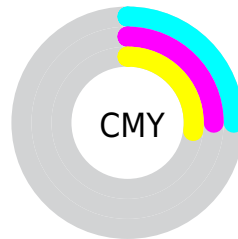


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6230, 51.7115, 53.3176 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 48.6230, 51.7115, 53.3176 by changing the saturation by 10% instead.

■ 48.6230, 51.7115,
53.3176

■ 48.6230, 51.7115,
53.3176

371.7979,
393.3218, 416.6032

■ 34.5338, 36.7752,
37.6669

■ 87.3354, 92.7056,
96.5178

■ 23.4688, 25.0335,
25.4244

112.6893,
119.5322, 124.9044

■ 15.0627, 16.1020,
16.1717

142.5288,
151.0910, 158.3735

■ 8.9500, 9.5963,
9.4900

177.2192,
187.7664, 197.3434

■ 4.7654, 5.1322,
4.9610

217.1260,
229.9428, 242.2328

■ 2.1436, 2.3250,
2.1661

262.6145,

■ 0.7128, 0.7869,

278.0045, 293.4602

0.6547

314.0500,
332.3361, 351.4442

■ 0.0000, 0.0000,
0.0000

■ 48.6230, 51.7115,
53.3176

■ 48.6230, 51.7115,
53.3176

■ 45.9527, 50.5539,
43.3647

■ 51.5846, 52.9909,
64.7003

■ 43.5584, 49.5071,
34.7818

■ 54.8435, 54.3896,
77.5629

■ 41.4302, 48.5688,
27.5098

■ 58.4107, 55.9137,
91.9569

■ 39.5557, 47.7338,
21.4840

■ 61.2472, 57.1475,
102.4102

■ 37.9213, 46.9969,
16.6341

■ 62.1241, 57.5995,
102.4513

■ 36.5123, 46.3521,
12.8830

■ 63.0190, 58.0609,
102.4932

■ 35.3122, 45.7928,
10.1443

■ 63.9320, 58.5316,
102.5359

■ 34.3020, 45.3114,
8.3187

■ 64.8632, 59.0116,
102.5795

■ 33.4589, 44.8988,
7.2869

■ 65.8127, 59.5011,
102.6239

Harmonies

Analogous

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



49.2231, 51.7115, 52.9807



48.6230, 51.7115, 53.3176



48.1675, 51.7115, 54.4491

Triad

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



48.6230, 51.7115, 53.3176



48.4979, 51.7115, 59.1861



50.3442, 51.7115, 56.5139

Complementary

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



48.6230, 51.7115, 53.3176



47.0045, 48.9000, 56.2540

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.



50.1462, 51.7115, 58.2026



48.6230, 51.7115, 53.3176



49.0774, 51.7115, 59.7656

Square

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



48.6230, 51.7115, 53.3176



48.0957, 51.7115, 57.8340



49.6813, 51.7115, 59.4020



50.2200, 51.7115, 54.8032

Rectangle

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



48.6230, 51.7115, 53.3176



48.0055, 51.7115, 55.5143



49.6813, 51.7115, 59.4020



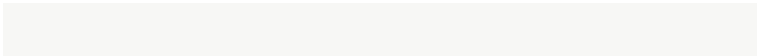
50.3130, 51.7115, 57.1032

Sweetspot

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



48.6244, 51.7137, 53.3187



88.1659, 93.0835, 99.6074



47.8034, 49.6984, 52.9730



19.3662, 20.4428, 21.8948



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.6244, 51.7137, 53.3187



86.6204, 92.4150, 93.7430



47.8830, 51.3315, 53.2840



10.4350, 11.1563, 11.1944



21.7100, 29.3678, 4.5243



0.8926, 1.1721, 0.1792

Inverse Universe

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



47.0045, 48.9000, 56.2540



82.8925, 85.9395, 100.4982



47.7409, 49.2796, 56.2885



9.9189, 10.2598, 12.1298



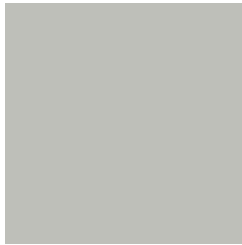
6.6169, 2.6972, 32.5648



0.3061, 0.1298, 1.2778

Previews

White Background



This preview shows how the XYZ color 48.6230, 51.7115, 53.3176 looks on a white background.

Color Contrast Check

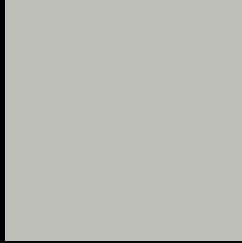
Large Text (above 18pt) WCAG AA × Fail

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 48.6230, 51.7115, 53.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

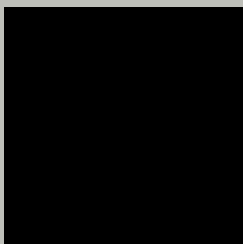
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

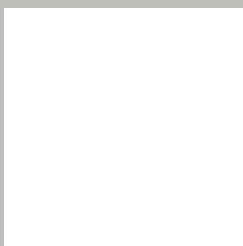
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6230, 51.7115, 53.3176

Background



This preview shows how black text looks on a background with the XYZ color 48.6230, 51.7115, 53.3176.



This preview shows how white text looks on a background with the XYZ color 48.6230, 51.7115,

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

48.6230, 51.7115, 53.3176

Protanopia

49.3550, 51.4580, 52.6785

Deuteranopia

52.5818, 51.5278, 53.6289



Tritanopia

50.7550, 51.6157, 63.7877

Trichromacy



Original Color

48.6230, 51.7115, 53.3176

Protanomaly

49.0575, 51.6251, 52.7264

Deuteranomaly

51.2619, 51.7823, 53.7476

Tritanomaly

49.8996, 51.5872, 59.5519

Monochromacy



Original Color

48.6230, 51.7115, 53.3176

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.7258, 51.4049, 54.9310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6230, 51.7115, 53.3176 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, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 185)  
}
```

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, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.6230, 51.7115, 53.3176 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, 191, 185) }
```


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

```
.border{ border-color:rgb(190, 191, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6230, 51.7115, 53.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 185) }
```

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

```
.background{ background-color: rgb(190,  
191, 185) }
```

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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