

Converting Colors

XYZ(45.0195, 46.6498, 50.1167)

Have a look what the booklet for
XYZ(45.0195, 46.6498, 50.1167)
contains.

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Color

**XYZ(45.1141, 46.8230,
50.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB5B5
RGB	186, 181, 181
RGB Percent	73%, 71%, 71%
CMY	0.2706, 0.2902, 0.2902
CMYK	0.00, 0.03, 0.03, 0.27
HSL	0°, 3%, 72%
HSV	0°, 3%, 73%
XYZ	45.1141, 46.8230, 50.3760
YIQ	182.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

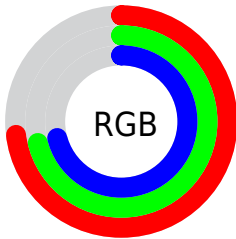
Format	Color
R _Y B	186, 181, 181
Decimal	12236213
CIE Lab	74.08, 1.77, 0.62
CIE LCh	74, 1.872, 19.284
Yxy	46.8230, 0.3170, 0.3290
Android (android.graphics.Color)	4290426293 (0xFFBAB5B5)
YUV	182.4950, -0.7370, 3.0739
Hunter-Lab	68.4273, -2.0629, 4.2500

Details

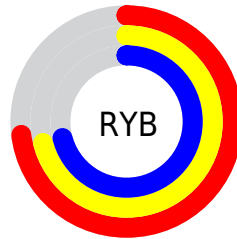
The XYZ color **45.1141, 46.8230, 50.3760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4780, 48.4863, 53.4170**, and the grayscale version is **44.7372, 47.0670, 51.2560**.

A 20% lighter version of the original color is **82.1882, 85.5600, 92.3037**, and **21.2883, 21.9834, 23.5433** is the 20% darker color. If you saturate the color by 10%, you get **39.8010, 39.0495, 39.8092**, and if you desaturate by 10%, it is **51.1890, 55.7111, 62.4550**.

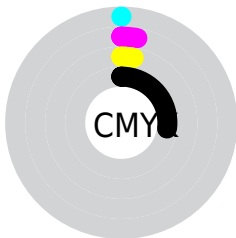
Distribution



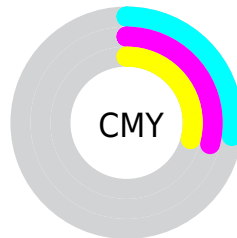
- Red (73%)
- Green (71%)
- Blue (71%)



- Red (73%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1141, 46.8230, 50.3760 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 45.1141, 46.8230, 50.3760 by changing the saturation by 10% instead.

■ 45.1141, 46.8230,
50.3760

■ 45.1141, 46.8230,
50.3760

358.0114,
374.1076, 404.9116

■ 31.7490, 32.8958,
35.3390

■ 82.1276, 85.4494,
92.1338

■ 21.3244, 22.0466,
23.6385

106.5067,
110.9173, 119.6916

■ 13.4752, 13.8911,
14.8559

135.2878,
141.0008, 152.2601

■ 7.8358, 8.0450,
8.5728

168.8364,
176.0845, 190.2578

■ 4.0410, 4.1238,
4.3706

207.5176,
216.5526, 234.1033

■ 1.7253, 1.7430,
1.8308

251.6970,

■ 0.4721, 0.4513,

262.7895, 284.2150

0.4482

301.7398,
315.1797, 341.0116

■ 0.0000, 0.0000,
0.0000

■ 45.1141, 46.8230,
50.3760

■ 45.1141, 46.8230,
50.3760

■ 39.8010, 39.0495,
39.8092

■ 51.1890, 55.7111,
62.4550

■ 35.2159, 32.3409,
30.6922

■ 58.0499, 65.7490,
76.0993

■ 31.3284, 26.6527,
22.9626

■ 65.7250, 76.9777,
91.3630

■ 28.1041, 21.9348,
16.5526

■ 74.0601, 89.1793,
107.9177

■ 25.5062, 18.1333,
11.3884

■ 23.4940, 15.1885,
7.3890

■ 22.0219, 13.0340,
4.4640

■ 21.0380, 11.5936,
2.5098

■ 20.4797, 10.7761,
1.4020

Harmonies

Analogous

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



45.1392, 46.8230, 51.3258



45.1141, 46.8230, 50.3760



44.9250, 46.8230, 49.5980

Triad

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



45.1141, 46.8230, 50.3760



44.0178, 46.8230, 49.7894



44.3843, 46.8230, 52.8148

Complementary

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



45.1141, 46.8230, 50.3760



45.4780, 48.4863, 53.4170

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.



44.0854, 46.8230, 52.3921



45.1141, 46.8230, 50.3760



43.8745, 46.8230, 50.6403

Square

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



45.1141, 46.8230, 50.3760



44.2917, 46.8230, 49.2622



43.8991, 46.8230, 51.5934



44.7167, 46.8230, 52.7419

Rectangle

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



45.1141, 46.8230, 50.3760



44.7319, 46.8230, 49.2776



43.8991, 46.8230, 51.5934



44.2766, 46.8230, 52.7258

Sweetspot

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



45.1154, 46.8250, 50.3770



83.5161, 87.4221, 94.7762



45.6373, 47.0328, 53.1281



18.4037, 19.2694, 20.8952



90.7827, 95.5105, 104.0109



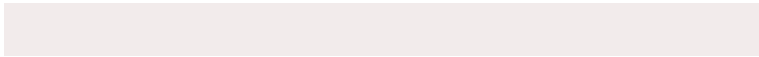
18.6292, 19.5994, 21.3438

Same Dimension

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



45.1154, 46.8250, 50.3770



81.4013, 84.3279, 90.5706



45.6278, 47.8497, 50.5478



9.6609, 9.9726, 10.6761



13.6244, 7.0252, 0.6379



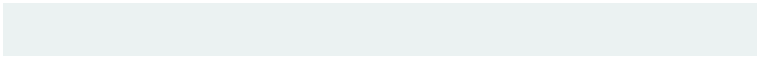
0.4804, 0.2480, 0.0225

Inverse Universe

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



45.4780, 48.4863, 53.4170



82.1450, 87.7356, 96.8066



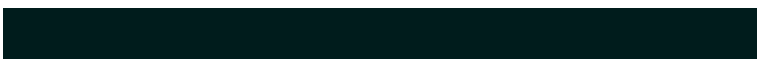
44.9565, 47.4433, 53.2432



9.7693, 10.4695, 11.5853



17.7599, 25.9794, 35.3316



0.6262, 0.9161, 1.2456

Previews

White Background



This preview shows how the XYZ color 45.1141, 46.8230, 50.3760 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 45.1141, 46.8230, 50.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

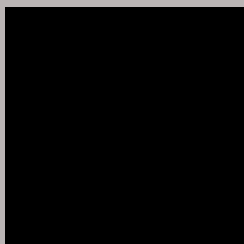
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

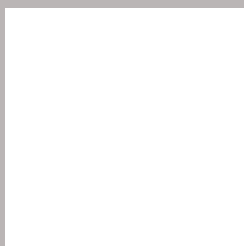
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1141, 46.8230, 50.3760

Background



This preview shows how black text looks on a background with the XYZ color 45.1141, 46.8230, 50.3760.

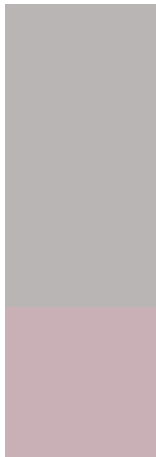


This preview shows how white text looks on a background with the XYZ color 45.1141, 46.8230,

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

45.1141, 46.8230, 50.3760

Protanopia

44.8719, 46.6982, 50.3647

Deuteranopia

47.7882, 46.7074, 50.7527



Tritanopia

46.4848, 46.7818, 57.0319

Trichromacy



Original Color

45.1141, 46.8230, 50.3760

Protanomaly

44.8719, 46.6982, 50.3647

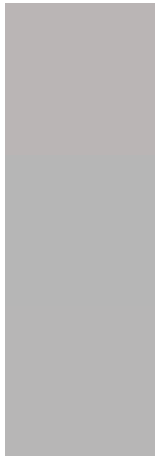
Deuteranomaly

46.8696, 46.8203, 50.8229

Tritanomaly

46.0001, 46.8814, 54.7687

Monochromacy



Original Color

45.1141, 46.8230, 50.3760

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.6999, 46.9006, 50.9527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1141, 46.8230, 50.3760 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(186, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 181, 181)  
}
```

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(186, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.1141, 46.8230, 50.3760 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(186, 181, 181) }
```


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

```
.border{ border-color:rgb(186, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1141, 46.8230, 50.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 181, 181) }
```

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

```
.background{ background-color: rgb(186,  
181, 181) }
```

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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