

Converting Colors

XYZ(45.0670, 46.7750, 52.9474)

Have a look what the booklet for
XYZ(45.0670, 46.7750, 52.9474)
contains.

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Color

**XYZ(45.1540, 46.7833,
53.1046)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B5BA
RGB	184, 181, 186
RGB Percent	72%, 71%, 73%
CMY	0.2784, 0.2902, 0.2706
CMYK	0.01, 0.03, 0.00, 0.27
HSL	276°, 3%, 72%
HSV	276°, 3%, 73%
XYZ	45.1540, 46.7833, 53.1046
YIQ	182.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

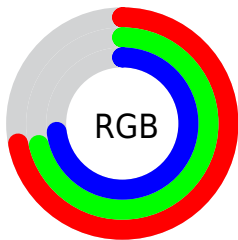
Format	Color
RYB	184, 181, 186
Decimal	12105146
CIELab	74.05, 1.99, -2.17
CIELCh	74, 2.945, 312.545
Yxy	46.7833, 0.3113, 0.3226
Android (android.graphics.Color)	4290295226 (0xFFB8B5BA)
YUV	182.4670, 1.7418, 1.3444
Hunter-Lab	68.3983, -1.8581, 1.8459




Details

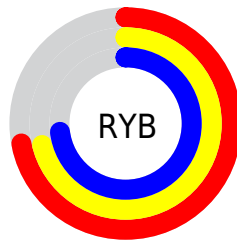
The XYZ color **45.1540, 46.7833, 53.1046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4296, 48.5226, 50.6899**, and the grayscale version is **44.7100, 47.0384, 51.2248**.




A 20% lighter version of the original color is **82.2464, 85.5044, 96.1736**, and **21.3129, 21.9571, 25.3051** is the 20% darker color. If you saturate the color by 10%, you get **39.8854, 38.8237, 51.8466**, and if you desaturate by 10%, it is **51.0241, 55.8051, 54.5373**.

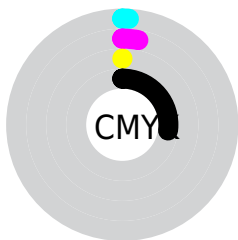
Distribution







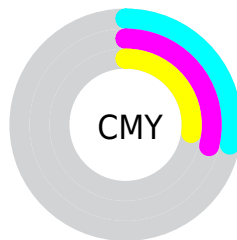
-  Red (72%)
-  Green (71%)
-  Blue (73%)






-  Red (72%)
-  Yellow (71%)
-  Blue (73%)



-  Cyan (1%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (28%)
-  Magenta (29%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1540, 46.7833, 53.1046 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 45.1540, 46.7833, 53.1046 by changing the saturation by 10% instead.

■ 45.1540, 46.7833,
53.1046

■ 45.1540, 46.7833,
53.1046

358.1701,
373.9489, 415.7640

■ 31.7805, 32.8644,
37.4980

■ 82.1871, 85.3901,
96.2014

■ 21.3487, 22.0226,
25.2945

106.5774,
110.8467, 124.5286

■ 13.4930, 13.8735,
16.0756

135.3708,
140.9180, 157.9331

■ 7.8482, 8.0327,
9.4227

168.9325,
175.9884, 196.8335

■ 4.0490, 4.1159,
4.9174

207.6280,
216.4423, 241.6482

■ 1.7299, 1.7386,
2.1410

251.8225,

■ 0.4749, 0.4485,

262.6641, 292.7958

0.6400

301.8814,
315.0382, 350.6949

■ 0.0000, 0.0000,
0.0000

■ 45.1540, 46.7833,
53.1046

■ 45.1540, 46.7833,
53.1046

■ 39.8854, 38.8237,
51.8466

■ 51.0241, 55.8051,
54.5373

■ 35.1930, 31.8799,
50.7537

■ 57.5117, 65.9214,
56.1480

■ 31.0554, 25.9108,
49.8196

■ 64.6375, 77.1705,
57.9437

■ 27.4485, 20.8702,
49.0367

■ 72.2903, 89.3282,
59.8871

■ 24.3461, 16.7079,
48.3969

■ 74.5101, 90.4726,
59.9909

■ 21.7195, 13.3691,
47.8908

■ 76.8305, 91.6688,
60.0995

■ 19.5368, 10.7924,
47.5085

■ 79.2527, 92.9175,
60.2129

■ 17.7617, 8.9076,
47.2383

■ 81.7780, 94.2193,
60.3311

■ 16.3510, 7.6307,
47.0662

■ 84.4075, 95.5748,
60.4541

Harmonies

Analogous

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



44.6863, 46.7833, 53.8212



45.1540, 46.7833, 53.1046



45.4386, 46.7833, 51.8135

Triad

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



45.1540, 46.7833, 53.1046



44.7704, 46.7833, 48.2236



43.4855, 46.7833, 51.5713

Complementary

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



45.1540, 46.7833, 53.1046



45.4296, 48.5226, 50.6899

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.



43.5076, 46.7833, 50.0745



45.1540, 46.7833, 53.1046



44.2466, 46.7833, 48.1617

Square

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



45.1540, 46.7833, 53.1046



45.2160, 46.7833, 49.0041



43.7853, 46.7833, 48.8332



43.7246, 46.7833, 52.9243

Rectangle

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



45.1540, 46.7833, 53.1046



45.4849, 46.7833, 50.8105



43.7853, 46.7833, 48.8332



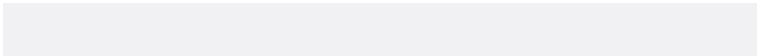
43.4626, 46.7833, 51.0679

Sweetspot

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



45.1553, 46.7853, 53.1056



83.5454, 87.3947, 96.6669



44.8715, 47.2722, 53.2146



18.4098, 19.2637, 21.2905



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.



45.1553, 46.7853, 53.1056



81.4799, 84.2427, 96.1674



45.5936, 47.0164, 52.8954



9.6719, 9.9600, 11.4921



10.5066, 4.7275, 31.6118



0.4382, 0.2016, 1.1176

Inverse Universe

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



45.3225, 46.9079, 51.4675



81.8238, 84.4948, 92.8017



45.0000, 48.2962, 50.8932



9.7223, 9.9969, 11.0005



14.5000, 7.3737, 5.2536



0.5420, 0.2723, 0.3475

Previews

White Background



This preview shows how the XYZ color 45.1540, 46.7833, 53.1046 looks on a white background.

Color Contrast Check

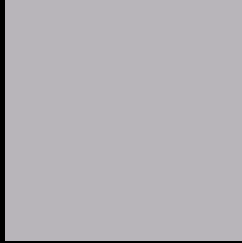
Large Text (above 18pt) WCAG AA × Fail

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 45.1540, 46.7833, 53.1046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

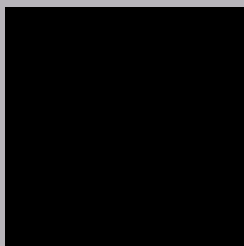
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

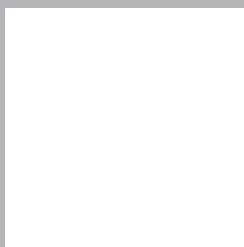
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1540, 46.7833, 53.1046

Background



This preview shows how black text looks on a background with the XYZ color 45.1540, 46.7833, 53.1046.



This preview shows how white text looks on a background with the XYZ color 45.1540, 46.7833,

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

45.1540, 46.7833, 53.1046

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

47.5209, 46.5088, 53.4862



Tritanopia

46.0664, 46.8518, 57.6543

Trichromacy



Original Color

45.1540, 46.7833, 53.1046

Protanomaly

45.1540, 46.7833, 53.1046

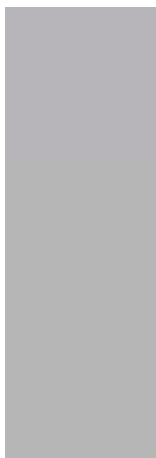
Deuteranomaly

46.6283, 46.6351, 53.5576

Tritanomaly

45.7328, 46.7184, 55.8974

Monochromacy



Original Color

45.1540, 46.7833, 53.1046

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8036, 46.9421, 51.4991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1540, 46.7833, 53.1046 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(184, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 186)  
}
```

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(184, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.1540, 46.7833, 53.1046 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(184, 181, 186) }
```


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

```
.border{ border-color:rgb(184, 181, 186) }
```

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

Here you see how a box with a 4 pixel rgb(184, 181, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1540, 46.7833, 53.1046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 186) }
```

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

```
.background{ background-color: rgb(184,  
181, 186) }
```

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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