

Converting Colors

XYZ(46.1049, 46.5851, 51.4786)

Have a look what the booklet for
XYZ(46.1049, 46.5851, 51.4786)
contains.

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Color

**XYZ(46.1532, 46.7355,
51.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB3B7
RGB	191, 179, 183
RGB Percent	75%, 70%, 72%
CMY	0.2510, 0.2980, 0.2823
CMYK	0.00, 0.06, 0.04, 0.25
HSL	340°, 9%, 73%
HSV	340°, 6%, 75%
XYZ	46.1532, 46.7355, 51.3881
YIQ	183.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

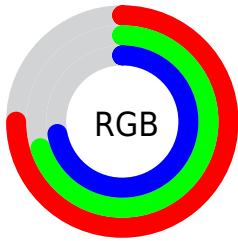
Format	Color
RYB	191, 179, 183
Decimal	12563383
CIELab	74.02, 4.98, -0.51
CIELCh	74, 5.006, 354.178
Yxy	46.7355, 0.3199, 0.3239
Android (android.graphics.Color)	4290753463 (0xFFBFB3B7)
YUV	183.0440, -0.0217, 6.9774
Hunter-Lab	68.3634, 0.8723, 3.2866

Details

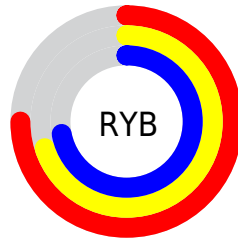
The XYZ color **46.1532, 46.7355, 51.3881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1926, 50.4343, 54.3163**, and the grayscale version is **45.0329, 47.3781, 51.5947**.

A 20% lighter version of the original color is **83.6461, 85.4228, 93.7410**, and **21.9714, 21.9367, 24.1953** is the 20% darker color. If you saturate the color by 10%, you get **41.3211, 39.0973, 43.5302**, and if you desaturate by 10%, it is **51.6382, 55.4862, 60.0567**.

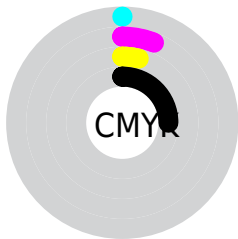
Distribution



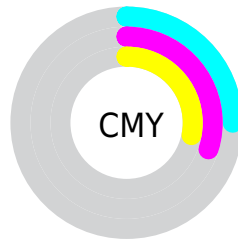
- Red (75%)
- Green (70%)
- Blue (72%)



- Red (75%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1532, 46.7355, 51.3881 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 46.1532, 46.7355, 51.3881 by changing the saturation by 10% instead.

■ 46.1532, 46.7355,
51.3881

■ 46.1532, 46.7355,
51.3881

362.1298,
373.7578, 408.9593

■ 32.5719, 32.8266,
36.1387

■ 83.6747, 85.3187,
93.6456

■ 21.9563, 21.9936,
24.2508

108.3456,
110.7617, 121.4907

■ 13.9412, 13.8522,
15.3058

137.4436,
140.8183, 154.3715

■ 8.1612, 8.0180,
8.8853

171.3343,
175.8728, 192.7065

■ 4.2510, 4.1064,
4.5707

210.3829,
216.3096, 236.9142

■ 1.8451, 1.7333,
1.9433

254.9548,

■ 0.5446, 0.4451,

262.5131, 287.4132

0.5201

305.4153,
314.8677, 344.6221

■ 0.0000, 0.0000,
0.0000

■ 46.1532, 46.7355,
51.3881

■ 46.1532, 46.7355,
51.3881

■ 41.3211, 39.0973,
43.5302

■ 51.6382, 55.4862,
60.0567

■ 37.1131, 32.5210,
36.4561

■ 57.7955, 65.3854,
69.5558

■ 33.5041, 26.9610,
30.1417

■ 64.6488, 76.4749,
79.9084

■ 30.4656, 22.3659,
24.5605

■ 72.0900, 88.5340,
91.0924

■ 27.9669, 18.6800,
19.6844

■ 73.9861, 89.2925,
101.0770

■ 25.9742, 15.8418,
15.4833

■ 75.2961, 89.8165,
107.9755

■ 24.4495, 13.7819,
11.9245

■ 23.3492, 12.4200,
8.9723

■ 22.6179, 11.6526,
6.5853

Harmonies

Analogous

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



45.8294, 46.7355, 53.8236



46.1532, 46.7355, 51.3881



46.0077, 46.7355, 48.8968

Triad

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



46.1532, 46.7355, 51.3881



43.7202, 46.7355, 46.5258



43.4220, 46.7355, 54.9850

Complementary

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



46.1532, 46.7355, 51.3881



46.1926, 50.4343, 54.3163

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.



42.8706, 46.7355, 52.9306



46.1532, 46.7355, 51.3881



43.0411, 46.7355, 48.0592

Square

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



46.1532, 46.7355, 51.3881



44.5953, 46.7355, 46.1439



42.7321, 46.7355, 50.3892



44.2465, 46.7355, 55.9445

Rectangle

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



46.1532, 46.7355, 51.3881



45.6652, 46.7355, 47.5320



42.7321, 46.7355, 50.3892



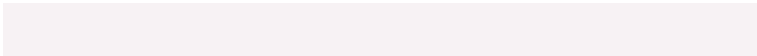
43.1990, 46.7355, 54.3963

Sweetspot

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



46.1545, 46.7375, 51.3891



86.6904, 90.1170, 98.4539



46.0192, 46.5688, 55.8540



19.0581, 19.8235, 21.6539



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.



46.1545, 46.7375, 51.3891



80.9779, 81.0334, 89.3313



46.1480, 47.3808, 49.3635



9.6577, 9.5874, 10.5867



14.7553, 7.5333, 4.0051



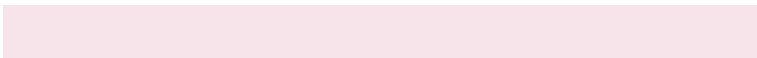
0.6090, 0.3075, 0.3200

Inverse Universe

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



46.1545, 46.7375, 51.3891



80.9779, 81.0334, 89.3313



46.1935, 49.7418, 56.4572



9.6577, 9.5874, 10.5867



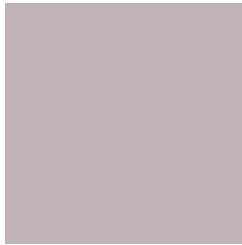
14.7553, 7.5333, 4.0051



0.6090, 0.3075, 0.3200

Previews

White Background



This preview shows how the XYZ color 46.1532, 46.7355, 51.3881 looks on a white background.

Color Contrast Check

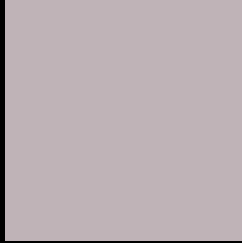
Large Text (above 18pt) WCAG AA × Fail

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 46.1532, 46.7355, 51.3881 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 46.1532, 46.7355, 51.3881

Background



This preview shows how black text looks on a background with the XYZ color 46.1532, 46.7355, 51.3881.



This preview shows how white text looks on a background with the XYZ color 46.1532, 46.7355,

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

46.1532, 46.7355, 51.3881

Protanopia

44.9428, 46.6988, 51.9924

Deuteranopia

47.7303, 46.6535, 51.8368



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

46.1532, 46.7355, 51.3881

Protanomaly

45.4665, 46.6680, 51.9589

Deuteranomaly

47.1388, 46.6407, 51.8655

Tritanomaly

46.8439, 46.7214, 54.6933

Monochromacy



Original Color

46.1532, 46.7355, 51.3881

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5249, 47.3139, 51.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1532, 46.7355, 51.3881 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(191, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 183)  
}
```

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(191, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 183) }
```

Border

The CSS property to change the border of an element to XYZ 46.1532, 46.7355, 51.3881 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(191, 179, 183) }
```


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

```
.border{ border-color:rgb(191, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1532, 46.7355, 51.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 183) }
```

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

```
.background{ background-color: rgb(191,  
179, 183) }
```

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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