

Converting Colors

XYZ(46.1476, 47.0551, 50.3663)

Have a look what the booklet for
XYZ(46.1476, 47.0551, 50.3663)
contains.

XYZ(46.1476, 47.0551, 50.3664)	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(46.1476, 47.0551,
50.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB4B5
RGB	191, 180, 181
RGB Percent	75%, 71%, 71%
CMY	0.2510, 0.2941, 0.2902
CMYK	0.00, 0.06, 0.05, 0.25
HSL	355°, 8%, 73%
HSV	355°, 6%, 75%
XYZ	46.1476, 47.0551, 50.3664
YIQ	183.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

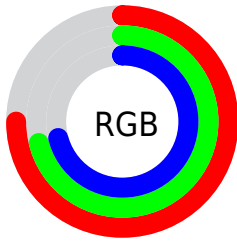
Format	Color
R_{YB}	191, 180, 181
Decimal	12563637
CIE Lab	74.22, 4.08, 0.88
CIE LCh	74, 4.177, 12.221
Yxy	47.0551, 0.3214, 0.3278
Android (android.graphics.Color)	4290753717 (0xFFBFB4B5)
YUV	183.4030, -1.1847, 6.6626
Hunter-Lab	68.5967, 0.0394, 4.4847

Details

The XYZ color **46.1476, 47.0551, 50.3664** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7492, 50.6838, 56.0366**, and the grayscale version is **45.2360, 47.5918, 51.8275**.

A 20% lighter version of the original color is **83.6393, 85.8795, 92.2889**, and **21.9669, 22.1405, 23.5378** is the 20% darker color. If you saturate the color by 10%, you get **40.8820, 39.2000, 40.3598**, and if you desaturate by 10%, it is **52.1695, 56.0659, 61.7225**.

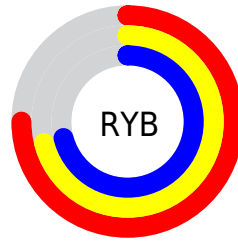
Distribution



Red (75%)

Green (71%)

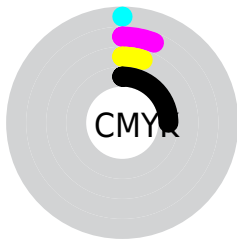
Blue (71%)



Red (75%)

Yellow (71%)

Blue (71%)

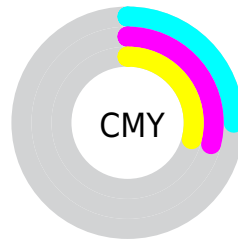


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1476, 47.0551, 50.3664 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 46.1476, 47.0551, 50.3664 by changing the saturation by 10% instead.

■ 46.1476, 47.0551,
50.3664

■ 46.1476, 47.0551,
50.3664

362.1077,
375.0344, 404.8731

■ 32.5674, 33.0792,
35.3314

■ 83.6664, 85.7959,
92.1194

■ 21.9529, 22.1871,
23.6327

108.3357,
111.3295, 119.6745

■ 13.9387, 13.9945,
14.8517

137.4321,
141.4846, 152.2400

■ 8.1595, 8.1168,
8.5699

171.3209,
176.6454, 190.2345

■ 4.2498, 4.1698,
4.3688

210.3675,
217.1964, 234.0765

■ 1.8444, 1.7690,
1.8297

254.9373,

■ 0.5442, 0.4677,

263.5220, 284.1846

0.4475

305.3956,
316.0065, 340.9773

■ 0.0000, 0.0000,
0.0000

■ 46.1476, 47.0551,
50.3664

■ 46.1476, 47.0551,
50.3664

■ 40.8820, 39.2000,
40.3598

■ 52.1695, 56.0659,
61.7225

■ 36.3389, 32.4479,
31.6495

■ 58.9716, 66.2700,
74.4724

■ 32.4879, 26.7514,
24.1834

■ 66.5821, 77.7110,
88.6623

■ 29.2949, 22.0570,
17.9045

■ 74.5763, 89.5286,
104.1854

■ 26.7231, 18.3067,
12.7516

■ 75.2961, 89.8165,
107.9755

■ 24.7317, 15.4365,
8.6580

■ 23.2753, 13.3744,
5.5496

■ 22.3015, 12.0373,
3.3432

■ 21.7461, 11.3212,
1.9408

Harmonies

Analogous

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



46.1107, 47.0551, 52.5055



46.1476, 47.0551, 50.3664



45.8001, 47.0551, 48.5116

Triad

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



46.1476, 47.0551, 50.3664



43.7631, 47.0551, 48.2392



44.2859, 47.0551, 55.2660

Complementary

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



46.1476, 47.0551, 50.3664



46.7492, 50.6838, 56.0366

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.



43.6658, 47.0551, 54.0585



46.1476, 47.0551, 50.3664



43.3663, 47.0551, 49.9852

Square

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



46.1476, 47.0551, 50.3664



44.4201, 47.0551, 47.3066



43.3309, 47.0551, 52.1135



45.0302, 47.0551, 55.3750

Rectangle

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



46.1476, 47.0551, 50.3664



45.3994, 47.0551, 47.6699



43.3309, 47.0551, 52.1135



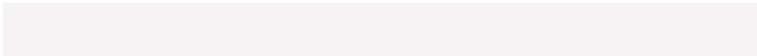
44.0562, 47.0551, 54.9736

Sweetspot

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



46.1489, 47.0571, 50.3674



86.5088, 90.0444, 97.4972



46.9368, 47.3405, 55.9545



19.0202, 19.8083, 21.4541



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.



46.1489, 47.0571, 50.3674



81.2974, 82.2550, 87.6419



46.9492, 48.8207, 50.1314



9.7845, 9.8787, 10.5124



14.2018, 7.3119, 1.0901



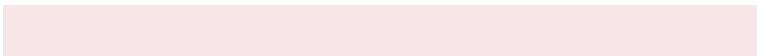
0.5683, 0.2912, 0.1059

Inverse Universe

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



46.1489, 47.0571, 50.3674



81.2974, 82.2550, 87.6419



45.9137, 48.8377, 56.2975



9.7845, 9.8787, 10.5124



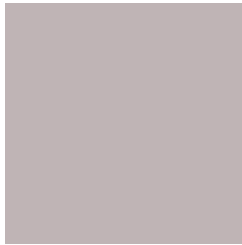
14.2018, 7.3119, 1.0901



0.5683, 0.2912, 0.1059

Previews

White Background



This preview shows how the XYZ color 46.1476, 47.0551, 50.3664 looks on a white background.

Color Contrast Check

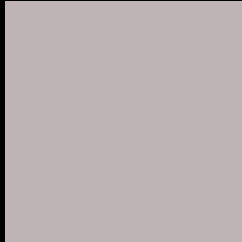
Large Text (above 18pt) WCAG AA × Fail

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 46.1476, 47.0551, 50.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

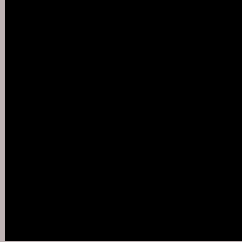
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

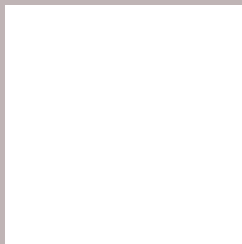
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1476, 47.0551, 50.3664

Background



This preview shows how black text looks on a background with the XYZ color 46.1476, 47.0551, 50.3664.



This preview shows how white text looks on a background with the XYZ color 46.1476, 47.0551,

50.3664.

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

46.1476, 47.0551, 50.3664

Protanopia

45.4211, 47.2724, 50.9865

Deuteranopia

47.9851, 47.1010, 50.8183



Tritanopia

47.4271, 46.9840, 56.4383

Trichromacy



Original Color

46.1476, 47.0551, 50.3664

Protanomaly

45.7064, 47.1165, 50.9414

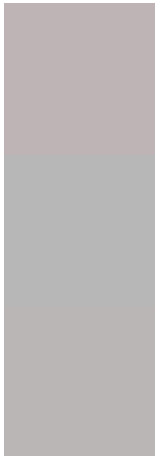
Deuteranomaly

47.3898, 47.0885, 50.8472

Tritanomaly

46.9354, 47.0775, 54.1901

Monochromacy



Original Color

46.1476, 47.0551, 50.3664

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4211, 47.2724, 50.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1476, 47.0551, 50.3664 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, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 180, 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(191, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 180, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.1476, 47.0551, 50.3664 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, 180, 181) }
```


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

```
.border{ border-color:rgb(191, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 180,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1476, 47.0551, 50.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 180, 181) }
```

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

```
.background{ background-color: rgb(191,  
180, 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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