

Converting Colors

XYZ(47.6595, 51.3551, 46.9358)

Have a look what the booklet for
XYZ(47.6595, 51.3551, 46.9358)
contains.

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Color

**XYZ(47.6595, 51.3551,
46.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBFAD
RGB	191, 191, 173
RGB Percent	75%, 75%, 68%
CMY	0.2510, 0.2510, 0.3216
CMYK	0.00, 0.00, 0.09, 0.25
HSL	60°, 12%, 71%
HSV	60°, 9%, 75%
XYZ	47.6595, 51.3551, 46.9358
YIQ	188.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

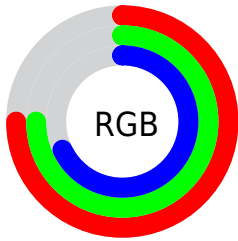
Format	Color
RYB	173, 191, 173
Decimal	12566445
CIELab	76.89, -3.18, 9.08
CIELCh	77, 9.619, 109.274
Yxy	51.3551, 0.3265, 0.3519
Android (android.graphics.Color)	4290756525 (0xFFBFBFAD)
YUV	188.9480, -7.8624, 1.7996
Hunter-Lab	71.6625, -6.6970, 11.3314

Details

The XYZ color **47.6595, 51.3551, 46.9358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5831, 42.5344, 55.3112**, and the grayscale version is **48.3825, 50.9021, 55.4324**.

A 20% lighter version of the original color is **85.6221, 91.8971, 86.6239**, and **23.0209, 24.9607, 21.6937** is the 20% darker color. If you saturate the color by 10%, you get **45.9414, 50.6694, 37.8875**, and if you desaturate by 10%, it is **49.6447, 52.1510, 57.3780**.

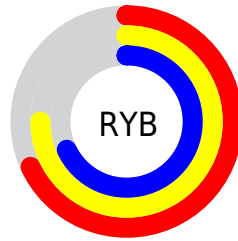
Distribution



Red (75%)

Green (75%)

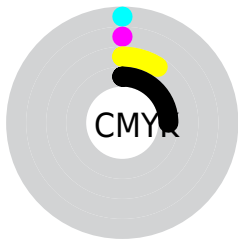
Blue (68%)



Red (68%)

Yellow (75%)

Blue (68%)

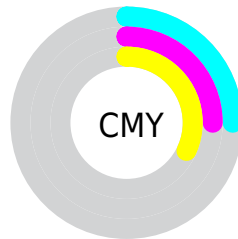


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6595, 51.3551, 46.9358 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 47.6595, 51.3551, 46.9358 by changing the saturation by 10% instead.

■ 47.6595, 51.3551,
46.9358

■ 47.6595, 51.3551,
46.9358

368.0460,
391.9419, 390.9446

■ 33.7674, 36.4913,
32.6309

■ 85.9100, 92.1795,
86.9668

■ 22.8770, 24.8139,
21.5751

110.9991,
118.9088, 113.5299

■ 14.6229, 15.9384,
13.3497

140.5513,
150.3621, 145.0163

■ 8.6398, 9.4806,
7.5362

174.9320,
186.9237, 181.8443

■ 4.5622, 5.0560,
3.7162

214.5064,
228.9782, 224.4326

■ 2.0248, 2.2801,
1.4710

259.6400,

■ 0.6479, 0.7632,

276.9097, 273.1998

0.1962

310.6981,
331.1028, 328.5642

■ 0.0000, 0.0000,
0.0000

■ 47.6595, 51.3551,
46.9358

■ 47.6595, 51.3551,
46.9358

■ 45.9414, 50.6694,
37.8875

■ 49.6447, 52.1510,
57.3780

■ 44.4750, 50.0828,
30.1710

■ 51.9032, 53.0545,
69.2661

■ 43.2498, 49.5926,
23.7245

■ 54.4465, 54.0719,
82.6535

■ 42.2529, 49.1937,
18.4800

■ 57.2839, 55.2070,
97.5896

■ 41.4701, 48.8804,
14.3631

■ 58.1730, 55.5628,
102.2664

■ 40.8858, 48.6466,
11.2912

■ 58.1740, 55.5633,
102.2664

■ 40.4820, 48.4850,
9.1704

■ 58.1750, 55.5638,
102.2665

■ 40.2379, 48.3872,
7.8900

■ 58.1760, 55.5643,
102.2665

■ 40.1148, 48.3379,
7.2474

■ 58.1770, 55.5649,
102.2666

Harmonies

Analogous

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



49.4691, 51.3551, 46.5908



47.6595, 51.3551, 46.9358



46.1938, 51.3551, 49.5979

Triad

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



47.6595, 51.3551, 46.9358



46.5521, 51.3551, 63.9048



52.3501, 51.3551, 57.8131

Complementary

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



47.6595, 51.3551, 46.9358



41.5831, 42.5344, 55.3112

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.



51.5262, 51.3551, 62.7512



47.6595, 51.3551, 46.9358



48.1597, 51.3551, 66.4113

Square

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



47.6595, 51.3551, 46.9358



45.5656, 51.3551, 59.3088



49.9819, 51.3551, 65.9764



52.2080, 51.3551, 52.6570

Rectangle

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



47.6595, 51.3551, 46.9358



45.5947, 51.3551, 52.4267



49.9819, 51.3551, 65.9764



52.1761, 51.3551, 59.5588

Sweetspot

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



47.6609, 51.3573, 46.9369



87.5664, 92.8604, 95.6918



43.9739, 43.9819, 45.7076



19.1645, 20.3656, 20.6749



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.



47.6609, 51.3573, 46.9369



84.7842, 91.7474, 81.0489



45.4670, 50.2263, 46.8342



10.3221, 11.1204, 10.1791



26.3576, 31.7637, 4.7418



1.0325, 1.2442, 0.1857

Inverse Universe

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



41.5831, 42.5344, 55.3112



72.0327, 73.2364, 98.6186



43.6405, 43.5950, 55.4075



9.0167, 9.2255, 11.9777



6.1806, 2.4723, 32.5443



0.2422, 0.0969, 1.2748

Previews

White Background



This preview shows how the XYZ color 47.6595, 51.3551, 46.9358 looks on a white background.

Color Contrast Check

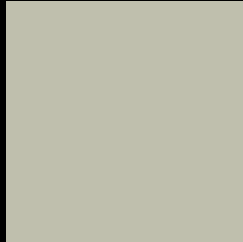
Large Text (above 18pt) WCAG AA × Fail

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 47.6595, 51.3551, 46.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

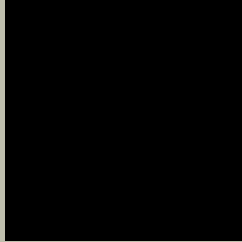
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

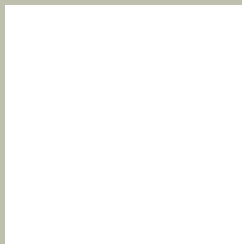
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6595, 51.3551, 46.9358

Background



This preview shows how black text looks on a background with the XYZ color 47.6595, 51.3551, 46.9358.



This preview shows how white text looks on a background with the XYZ color 47.6595, 51.3551,

46.9358.

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

47.6595, 51.3551, 46.9358

Protanopia

48.6699, 51.2441, 46.3556

Deuteranopia

52.4029, 51.2583, 47.6893



Tritanopia

50.9367, 51.4070, 63.1150

Trichromacy



Original Color

47.6595, 51.3551, 46.9358

Protanomaly

48.3655, 51.4076, 46.4032

Deuteranomaly

50.6525, 51.2956, 47.2758

Tritanomaly

49.6353, 51.1974, 56.5562

Monochromacy



Original Color

47.6595, 51.3551, 46.9358

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1959, 51.1930, 52.1408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6595, 51.3551, 46.9358 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, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 173)  
}
```

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, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.6595, 51.3551, 46.9358 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, 191, 173) }
```


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

```
.border{ border-color:rgb(191, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6595, 51.3551, 46.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 173) }
```

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

```
.background{ background-color: rgb(191,  
191, 173) }
```

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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