

Converting Colors

XYZ(46.9127, 48.2757, 46.5088)

Have a look what the booklet for
XYZ(46.9127, 48.2757, 46.5088)
contains.

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Color

**XYZ(46.7765, 48.0751,
46.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B6AD
RGB	195, 182, 173
RGB Percent	76%, 71%, 68%
CMY	0.2353, 0.2863, 0.3216
CMYK	0.00, 0.07, 0.11, 0.24
HSL	25°, 15%, 72%
HSV	25°, 11%, 76%
XYZ	46.7765, 48.0751, 46.3492
YIQ	184.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

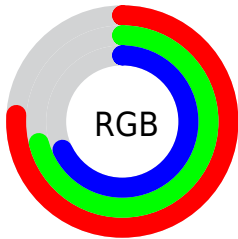
Format	Color
RYB	195, 188, 173
Decimal	12826285
CIELab	74.87, 3.07, 6.23
CIElCh	75, 6.942, 63.762
Yxy	48.0751, 0.3313, 0.3405
Android (android.graphics.Color)	4291016365 (0xFFC3B6AD)
YUV	184.8610, -5.8475, 8.8919
Hunter-Lab	69.3362, -0.9164, 8.9017

Details

The XYZ color **46.7765, 48.0751, 46.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6428, 47.9415, 58.5312**, and the grayscale version is **46.0653, 48.4642, 52.7776**.

A 20% lighter version of the original color is **84.7230, 87.4460, 85.8122**, and **22.2860, 22.7437, 21.3045** is the 20% darker color. If you saturate the color by 10%, you get **42.7630, 42.8503, 36.3716**, and if you desaturate by 10%, it is **51.2622, 53.8025, 57.8441**.

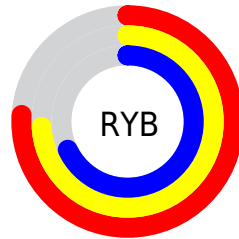
Distribution



Red (76%)

Green (71%)

Blue (68%)



Red (76%)

Yellow (74%)

Blue (68%)

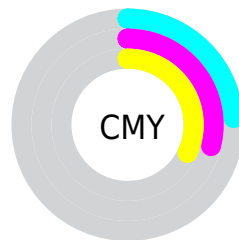


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7765, 48.0751, 46.3492 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 46.7765, 48.0751, 46.3492 by changing the saturation by 10% instead.

■ 46.7765, 48.0751,
46.3492

■ 46.7765, 48.0751,
46.3492

364.5855,
379.0897, 388.5291

■ 33.0662, 33.8864,
32.1708

■ 84.6007, 87.3162,
86.0811

■ 22.3366, 22.8063,
21.2261

109.4453,
113.1374, 112.4718

■ 14.2225, 14.4506,
13.0965

138.7320,
143.6048, 143.7703

■ 8.3583, 8.4347,
7.3635

172.8263,
179.1029, 180.3951

■ 4.3788, 4.3743,
3.6086

212.0934,
220.0160, 222.7649

■ 1.9186, 1.8851,
1.4132

256.8988,

■ 0.5876, 0.5394,

266.7286, 271.2981

0.1520

307.6077,
319.6251, 326.4133

■ 0.0000, 0.0000,
0.0000

■ 46.7765, 48.0751,
46.3492

■ 46.7765, 48.0751,
46.3492

■ 42.7630, 42.8503,
36.3716

■ 51.2622, 53.8025,
57.8441

■ 39.2012, 38.1077,
27.8441

■ 56.2318, 60.0396,
70.9135

■ 36.0749, 33.8347,
20.6989

■ 61.7014, 66.8015,
85.6153

■ 33.3652, 30.0158,
14.8618

■ 67.6854, 74.1004,
102.0037

■ 31.0517, 26.6343,
10.2512

■ 71.5996, 80.9094,
106.4511

■ 29.1122, 23.6725,
6.7763

■ 75.0918, 87.8939,
107.6152

■ 27.5214, 21.1112,
4.3338

■ 76.3160, 90.3423,
108.0233

■ 26.2503, 18.9291,
2.8005

■ 25.3602, 17.3107,
2.0047

Harmonies

Analogous

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



47.7437, 48.0751, 48.5731



46.7765, 48.0751, 46.3492



45.5347, 48.0751, 45.7050

Triad

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



46.7765, 48.0751, 46.3492



43.3122, 48.0751, 52.8035



47.0575, 48.0751, 58.3460

Complementary

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



46.7765, 48.0751, 46.3492



44.6428, 47.9415, 58.5312

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.



45.8535, 48.0751, 59.6002



46.7765, 48.0751, 46.3492



43.7037, 48.0751, 56.3085

Square

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



46.7765, 48.0751, 46.3492



43.5492, 48.0751, 49.3293



44.6282, 48.0751, 58.8381



47.9080, 48.0751, 55.4825

Rectangle

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



46.7765, 48.0751, 46.3492



44.7220, 48.0751, 46.2321



44.6282, 48.0751, 58.8381



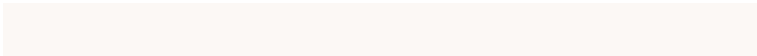
46.6799, 48.0751, 58.9756

Sweetspot

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



46.7778, 48.0772, 46.3502



90.3306, 94.4846, 99.7638



46.3341, 45.0437, 52.8188



19.6336, 20.5033, 21.4653



0.0000, 0.0000, 0.0000



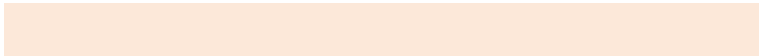
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7778, 48.0772, 46.3502



81.5823, 83.2668, 77.4909



49.0750, 52.6715, 47.1159



10.4041, 10.7397, 10.5865



16.5608, 11.4074, 1.3290



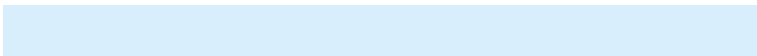
0.7833, 0.6284, 0.0800

Inverse Universe

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



44.6428, 47.9415, 58.5312



76.8597, 82.9660, 104.4329



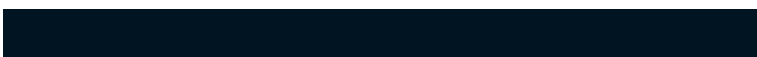
42.4535, 43.5630, 57.8014



10.0117, 10.7148, 12.8253



10.4859, 10.7282, 35.0747



0.5195, 0.5964, 1.5376

Previews

White Background



This preview shows how the XYZ color 46.7765, 48.0751, 46.3492 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 46.7765, 48.0751, 46.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

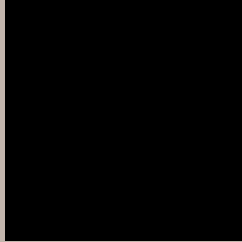
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7765, 48.0751, 46.3492

Background



This preview shows how black text looks on a background with the XYZ color 46.7765, 48.0751, 46.3492.



This preview shows how white text looks on a background with the XYZ color 46.7765, 48.0751,

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

46.7765, 48.0751, 46.3492

Protanopia

46.0157, 48.2841, 46.9389

Deuteranopia

49.0140, 48.0186, 46.7296



Tritanopia

49.0344, 48.0962, 57.1512

Trichromacy



Original Color

46.7765, 48.0751, 46.3492

Protanomaly

46.3117, 48.1294, 46.8934

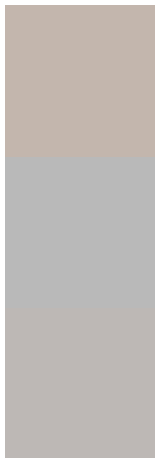
Deuteranomaly

48.1172, 47.8527, 46.7449

Tritanomaly

48.2101, 48.0580, 53.1895

Monochromacy



Original Color

46.7765, 48.0751, 46.3492

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4672, 48.4360, 50.6161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7765, 48.0751, 46.3492 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(195, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 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(195, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 173) }
```

Border

The CSS property to change the border of an element to XYZ 46.7765, 48.0751, 46.3492 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(195, 182, 173) }
```


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

```
.border{ border-color:rgb(195, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7765, 48.0751, 46.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 173) }
```

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

```
.background{ background-color: rgb(195,  
182, 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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