

Converting Colors

XYZ(46.2760, 48.3594, 52.7090)

Have a look what the booklet for
XYZ(46.2760, 48.3594, 52.7090)
contains.

XYZ(46.1471, 48.2229, 52.7747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(46.1471, 48.2229,
52.7747)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB8B9
RGB	186, 184, 185
RGB Percent	73%, 72%, 73%
CMY	0.2706, 0.2784, 0.2745
CMYK	0.00, 0.01, 0.01, 0.27
HSL	330°, 1%, 73%
HSV	330°, 1%, 73%
XYZ	46.1471, 48.2229, 52.7747
YIQ	184.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

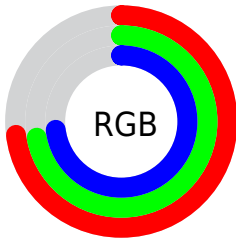
Format	Color
R _Y B	186, 184, 185
Decimal	12236985
CIE Lab	74.97, 0.89, -0.27
CIE LCh	75, 0.929, 343.320
Yxy	48.2229, 0.3136, 0.3277
Android (android.graphics.Color)	4290427065 (0xFFBAB8B9)
YUV	184.7120, 0.1420, 1.1296
Hunter-Lab	69.4427, -2.9053, 3.5510

Details

The XYZ color **46.1471, 48.2229, 52.7747** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0848, 48.8121, 52.8940**, and the grayscale version is **45.9542, 48.3474, 52.6503**.

A 20% lighter version of the original color is **83.6552, 87.5483, 95.7085**, and **21.9540, 22.8851, 25.0900** is the 20% darker color. If you saturate the color by 10%, you get **41.5838, 40.6179, 46.5610**, and if you desaturate by 10%, it is **51.2856, 56.8738, 59.4991**.

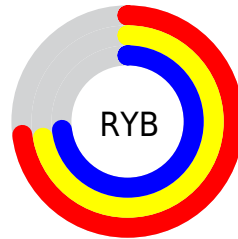
Distribution



Red (73%)

Green (72%)

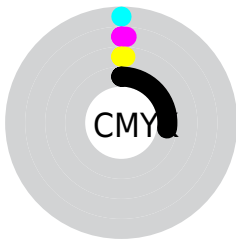
Blue (73%)



Red (73%)

Yellow (72%)

Blue (73%)

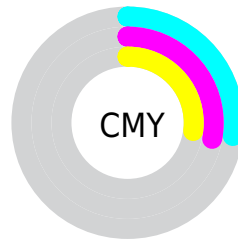


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1471, 48.2229, 52.7747 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 46.1471, 48.2229, 52.7747 by changing the saturation by 10% instead.

■ 46.1471, 48.2229,
52.7747

■ 46.1471, 48.2229,
52.7747

362.1058,
379.6750, 414.4619

■ 32.5670, 34.0034,
37.2365

■ 83.6656, 87.5362,
95.7109

■ 21.9526, 22.8962,
25.0934

108.3348,
113.3988, 123.9460

■ 13.9385, 14.5169,
15.9270

137.4310,
143.9113, 157.2505

■ 8.1593, 8.4811,
9.3187

171.3197,
179.4580, 196.0428

■ 4.2497, 4.4043,
4.8500

210.3661,
220.4233, 240.7416

■ 1.8444, 1.9022,
2.1023

254.9357,

■ 0.5442, 0.5497,

267.1916, 291.7653

0.6172

305.3938,
320.1474, 349.5326

■ 0.0000, 0.0000,
0.0000

■ 46.1471, 48.2229,
52.7747

■ 46.1471, 48.2229,
52.7747

■ 41.5838, 40.6179,
46.5610

■ 51.2856, 56.8738,
59.4991

■ 37.5706, 34.0128,
40.8418

■ 57.0150, 66.6022,
66.7436

■ 34.0868, 28.3674,
35.6047

■ 63.3554, 77.4457,
74.5211

■ 31.1086, 23.6360,
30.8351

■ 69.2289, 87.2468,
82.4779

■ 28.6104, 19.7697,
26.5181

■ 70.5141, 87.7609,
89.2456

■ 26.5640, 16.7146,
22.6374

■ 71.8693, 88.3030,
96.3824

■ 24.9385, 14.4108,
19.1755

■ 73.2958, 88.8735,
103.8937

■ 23.6985, 12.7899,
16.1132

■ 74.0599, 89.1792,
107.9177

■ 22.8021, 11.7711,
13.4288

Harmonies

Analogous

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



46.0582, 48.2229, 53.1880



46.1471, 48.2229, 52.7747



46.1521, 48.2229, 52.2919

Triad

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



46.1471, 48.2229, 52.7747



45.7594, 48.2229, 51.6041



45.5979, 48.2229, 53.1491

Complementary

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



46.1471, 48.2229, 52.7747



46.0848, 48.8121, 52.8940

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.



45.5182, 48.2229, 52.7217



46.1471, 48.2229, 52.7747



45.6113, 48.2229, 51.8309

Square

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



46.1471, 48.2229, 52.7747



45.9280, 48.2229, 51.6181



45.5232, 48.2229, 52.2393



45.7410, 48.2229, 53.4051

Rectangle

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



46.1471, 48.2229, 52.7747



46.1071, 48.2229, 51.9958



45.5232, 48.2229, 52.2393



45.5628, 48.2229, 53.0206

Sweetspot

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



46.1485, 48.2250, 52.7757



84.5950, 89.0005, 96.9216



46.0127, 48.1428, 53.3222



18.6292, 19.5994, 21.3438



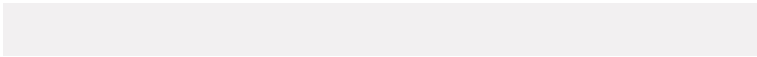
90.7827, 95.5105, 104.0109

Same Dimension

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



46.1485, 48.2250, 52.7757



83.6959, 87.4933, 95.7247



46.0436, 48.1830, 52.2235



10.0277, 10.4883, 11.4706



14.9865, 7.5684, 7.8157



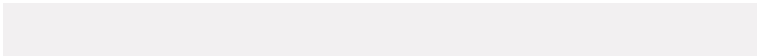
0.5596, 0.2793, 0.4401

Inverse Universe

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



46.1485, 48.2250, 52.7757



83.6959, 87.4933, 95.7247



46.1904, 48.8543, 53.4502



10.0277, 10.4883, 11.4706



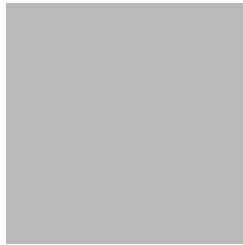
14.9865, 7.5684, 7.8157



0.5596, 0.2793, 0.4401

Previews

White Background



This preview shows how the XYZ color 46.1471, 48.2229, 52.7747 looks on a white background.

Color Contrast Check

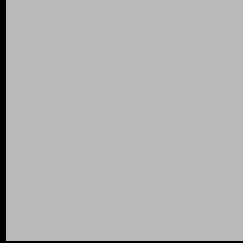
Large Text (above 18pt) WCAG AA × Fail

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 46.1471, 48.2229, 52.7747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

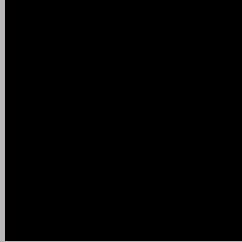
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

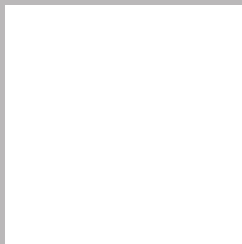
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1471, 48.2229, 52.7747

Background



This preview shows how black text looks on a background with the XYZ color 46.1471, 48.2229, 52.7747.

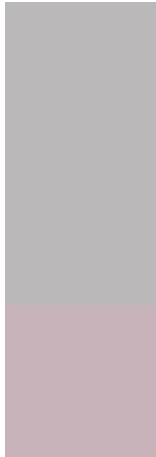


This preview shows how white text looks on a background with the XYZ color 46.1471, 48.2229,

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

46.1471, 48.2229, 52.7747

Protanopia

46.3910, 48.3486, 52.7861

Deuteranopia

49.0704, 48.2029, 53.1722



Tritanopia

47.5450, 48.1785, 59.6168

Trichromacy



Original Color

46.1471, 48.2229, 52.7747

Protanomaly

46.3910, 48.3486, 52.7861

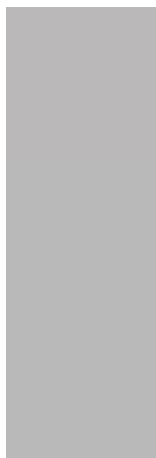
Deuteranomaly

48.1518, 48.3287, 53.2449

Tritanomaly

47.0526, 48.2820, 57.2915

Monochromacy



Original Color

46.1471, 48.2229, 52.7747

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1471, 48.2229, 52.7747 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(186, 184, 185) looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 185)  
}
```

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(186, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.1471, 48.2229, 52.7747 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(186, 184, 185) }
```

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

```
.border{ border-color:rgb(186, 184, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
185) }
```


Background

The CSS property to change the background color of an element to XYZ 46.1471, 48.2229, 52.7747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 185) }
```

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

```
.background{ background-color: rgb(186,  
184, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor