

Converting Colors

XYZ(46.7162, 48.5643, 50.6277)

Have a look what the booklet for
XYZ(46.7162, 48.5643, 50.6277)
contains.

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Color

**XYZ(46.7162, 48.5643,
50.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB8B5
RGB	190, 184, 181
RGB Percent	75%, 72%, 71%
CMY	0.2549, 0.2784, 0.2902
CMYK	0.00, 0.03, 0.05, 0.25
HSL	20°, 6%, 73%
HSV	20°, 5%, 75%
XYZ	46.7162, 48.5643, 50.6277
YIQ	185.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

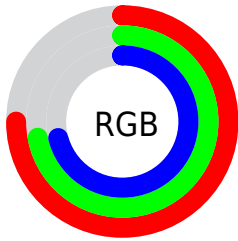
Format	Color
RYB	190, 186, 181
Decimal	12499125
CIELab	75.18, 1.58, 2.26
CIELCh	75, 2.757, 55.154
Yxy	48.5643, 0.3202, 0.3328
Android (android.graphics.Color)	4290689205 (0xFFBEB8B5)
YUV	185.4520, -2.1948, 3.9886
Hunter-Lab	69.6881, -2.2947, 5.7081

Details

The XYZ color **46.7162, 48.5643, 50.6277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1207, 49.0815, 55.7588**, and the grayscale version is **46.3771, 48.7923, 53.1348**.

A 20% lighter version of the original color is **84.4522, 88.0274, 92.6606**, and **22.3291, 23.1095, 23.7058** is the 20% darker color. If you saturate the color by 10%, you get **42.3853, 42.8121, 40.2126**, and if you desaturate by 10%, it is **51.5511, 54.8978, 62.5238**.

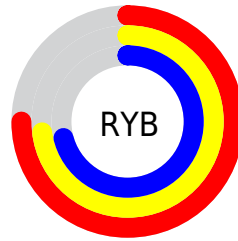
Distribution



Red (75%)

Green (72%)

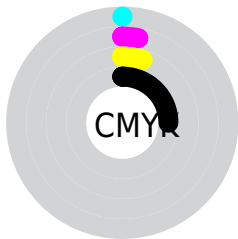
Blue (71%)



Red (75%)

Yellow (73%)

Blue (71%)

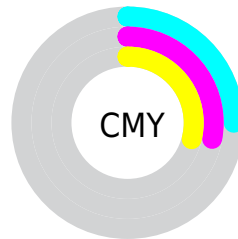


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7162, 48.5643, 50.6277 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 46.7162, 48.5643, 50.6277 by changing the saturation by 10% instead.

■ 46.7162, 48.5643,
50.6277

■ 46.7162, 48.5643,
50.6277

364.3484,
381.0245, 405.9208

■ 33.0184, 34.2740,
35.5377

■ 84.5112, 88.0440,
92.5101

■ 22.2998, 23.1042,
23.7905

109.3390,
114.0022, 120.1396

■ 14.1952, 14.6704,
14.9675

138.6076,
144.6184, 152.7860

■ 8.3392, 8.5884,
8.6502

172.6822,
180.2771, 190.8678

■ 4.3664, 4.4737,
4.4201

211.9282,
221.3627, 234.8037

■ 1.9114, 1.9419,
1.8585

256.7110,

■ 0.5835, 0.5734,

268.2595, 285.0121

0.4661

307.3960,
321.3520, 341.9116

■ 0.0000, 0.0000,
0.0000

■ 46.7162, 48.5643,
50.6277

■ 46.7162, 48.5643,
50.6277

■ 42.3853, 42.8121,
40.2126

■ 51.5511, 54.8978,
62.5238

■ 38.5375, 37.6184,
31.2170

■ 56.9020, 61.8221,
75.9527

■ 35.1563, 32.9679,
23.5796

■ 62.7855, 69.3547,
90.9679

■ 32.2229, 28.8423,
17.2336

■ 68.8921, 77.3805,
105.9127

■ 29.7168, 25.2223,
12.1064

■ 72.6394, 84.8751,
107.1618

■ 27.6159, 22.0871,
8.1180

■ 75.0455, 89.6873,
107.9638

■ 25.8960, 19.4146,
5.1789

■ 24.5295, 17.1805,
3.1857

■ 23.4845, 15.3577,
2.0137

Harmonies

Analogous

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



47.0438, 48.5643, 51.7045



46.7162, 48.5643, 50.6277



46.2410, 48.5643, 50.1542

Triad

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



46.7162, 48.5643, 50.6277



45.1977, 48.5643, 52.6436



46.5731, 48.5643, 55.4368

Complementary

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



46.7162, 48.5643, 50.6277



46.1207, 49.0815, 55.7588

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.



46.0769, 48.5643, 55.6992



46.7162, 48.5643, 50.6277



45.2852, 48.5643, 54.0696

Square

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



46.7162, 48.5643, 50.6277



45.3662, 48.5643, 51.3045



45.6061, 48.5643, 55.1946



46.9608, 48.5643, 54.4839

Rectangle

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



46.7162, 48.5643, 50.6277



45.9054, 48.5643, 50.2381



45.6061, 48.5643, 55.1946



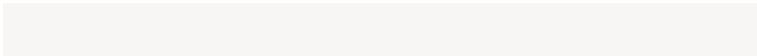
46.4133, 48.5643, 55.6094

Sweetspot

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



46.7176, 48.5664, 50.6287



87.8091, 92.1532, 99.4467



46.7294, 47.5835, 53.7360



19.2917, 20.2486, 21.8612



92.9021, 97.7402, 106.4391



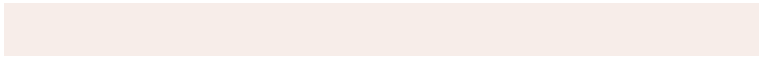
19.4759, 20.4902, 22.3138

Same Dimension

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



46.7176, 48.5664, 50.6287



83.5372, 86.5289, 89.0224



47.6666, 50.4645, 50.9451



10.0549, 10.4024, 10.6553



15.3823, 9.8033, 1.0815



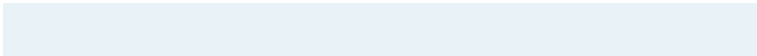
0.6639, 0.5068, 0.0628

Inverse Universe

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



46.1207, 49.0815, 55.7588



82.1574, 87.7194, 100.8805



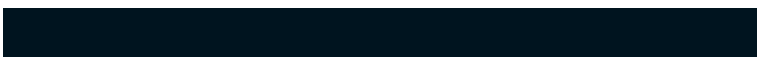
45.1816, 47.2033, 55.4457



9.8764, 10.5564, 12.1893



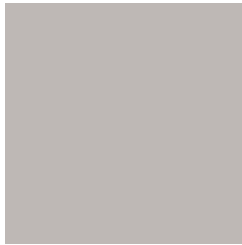
11.2668, 12.6453, 34.2399



0.4992, 0.6110, 1.3605

Previews

White Background



This preview shows how the XYZ color 46.7162, 48.5643, 50.6277 looks on a white background.

Color Contrast Check

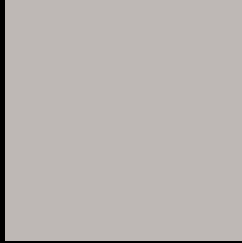
Large Text (above 18pt) WCAG AA × Fail

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 46.7162, 48.5643, 50.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

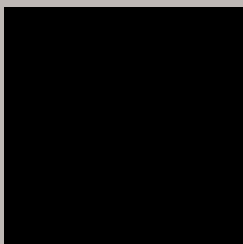
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

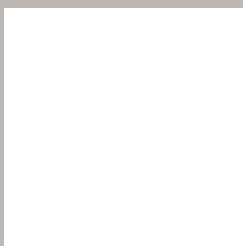
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7162, 48.5643, 50.6277

Background



This preview shows how black text looks on a background with the XYZ color 46.7162, 48.5643, 50.6277.



This preview shows how white text looks on a background with the XYZ color 46.7162, 48.5643,

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

46.7162, 48.5643, 50.6277

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

49.4654, 48.4550, 51.0016



Tritanopia

48.4300, 48.6479, 59.0620

Trichromacy



Original Color

46.7162, 48.5643, 50.6277

Protanomaly

46.4672, 48.4360, 50.6161

Deuteranomaly

48.5206, 48.5673, 51.0731

Tritanomaly

47.8233, 48.7049, 56.1706

Monochromacy



Original Color

46.7162, 48.5643, 50.6277

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4942, 48.7234, 52.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7162, 48.5643, 50.6277 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(190, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 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(190, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.7162, 48.5643, 50.6277 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(190, 184, 181) }
```


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

```
.border{ border-color:rgb(190, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7162, 48.5643, 50.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 181) }
```

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

```
.background{ background-color: rgb(190,  
184, 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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