

Converting Colors

XYZ(46.0700, 50.5427, 35.6989)

Have a look what the booklet for
XYZ(46.0700, 50.5427, 35.6989)
contains.

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Color

**XYZ(46.0864, 50.4662,
35.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BE95
RGB	194, 190, 149
RGB Percent	76%, 75%, 58%
CMY	0.2392, 0.2549, 0.4157
CMYK	0.00, 0.02, 0.23, 0.24
HSL	55°, 27%, 67%
HSV	55°, 23%, 76%
XYZ	46.0864, 50.4662, 35.7457
YIQ	186.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

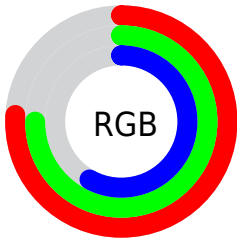
Format	Color
RYB	153, 194, 149
Decimal	12762773
CIELab	76.35, -5.27, 21.26
CIELCh	76, 21.906, 103.923
Yxy	50.4662, 0.3484, 0.3815
Android (android.graphics.Color)	4290952853 (0xFFC2BE95)
YUV	186.5220, -18.4983, 6.5582
Hunter-Lab	71.0396, -8.5187, 19.8941

Details

The XYZ color **46.0864, 50.4662, 35.7457** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5231, 33.0662, 55.6547**, and the grayscale version is **47.0607, 49.5115, 53.9180**.

A 20% lighter version of the original color is **83.5189, 90.7326, 69.6111**, and **21.9655, 24.3486, 15.0973** is the 20% darker color. If you saturate the color by 10%, you get **44.2944, 49.1577, 28.1330**, and if you desaturate by 10%, it is **48.1434, 51.8912, 44.7209**.

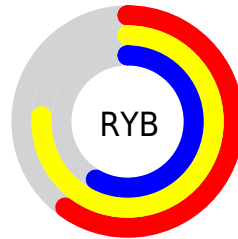
Distribution



Red (76%)

Green (75%)

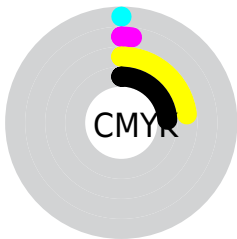
Blue (58%)



Red (60%)

Yellow (76%)

Blue (58%)

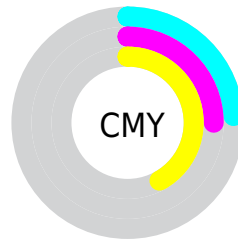


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0864, 50.4662, 35.7457 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 46.0864, 50.4662, 35.7457 by changing the saturation by 10% instead.


 46.0864, 50.4662,
35.7457

 46.0864, 50.4662,
35.7457


361.8660,
388.4863, 342.8514

 32.5189, 35.7840,
23.9497


 83.5754, 90.8652,
69.8040

 21.9156, 24.2674,
15.0845


 108.2275,
117.3508, 92.9034

 13.9112, 15.5321,
8.7314


137.3054,
148.5397, 120.6077

 8.1402, 9.1937,
4.4720

171.1741,
184.8161, 153.3354

 4.2373, 4.8677,
1.8877

210.1992,
226.5646, 191.5051

 1.8373, 2.1699,
0.4849

254.7460,

 0.5400, 0.7035,

274.1696, 235.5353

0.0000

305.1798,
328.0153, 285.8446

■ 0.0000, 0.0000,
0.0000

■ 46.0864, 50.4662,
35.7457

■ 46.0864, 50.4662,
35.7457

■ 44.2944, 49.1577,
28.1330

■ 48.1434, 51.8912,
44.7209

■ 42.7508, 47.9539,
21.8123

■ 50.4735, 53.4308,
55.1179

■ 41.4430, 46.8513,
16.7116

■ 53.0891, 55.0918,
66.9966

■ 40.3557, 45.8440,
12.7508

■ 56.0008, 56.8782,
80.4122

■ 39.4719, 44.9250,
9.8400

■ 59.2185, 58.7943,
95.4175

■ 38.7720, 44.0865,
7.8758

■ 61.0313, 60.1555,
103.0022

■ 38.2322, 43.3190,
6.7340

■ 61.4333, 60.9596,
103.1362

■ 37.9261, 42.8252,
6.2672

■ 61.8399, 61.7728,
103.2718

■ 62.2510, 62.5950,
103.4088

Harmonies

Analogous

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



50.1931, 50.4662, 35.9116



46.0864, 50.4662, 35.7457



42.6806, 50.4662, 40.1798

Triad

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



46.0864, 50.4662, 35.7457



42.4862, 50.4662, 72.2297



55.9849, 50.4662, 61.4717

Complementary

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



46.0864, 50.4662, 35.7457



33.5231, 33.0662, 55.6547

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.



53.6720, 50.4662, 72.9555



46.0864, 50.4662, 35.7457



45.8070, 50.4662, 79.7477

Square

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



46.0864, 50.4662, 35.7457



40.6839, 50.4662, 60.5884



49.8973, 50.4662, 80.0309



56.0703, 50.4662, 49.6710

Rectangle

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



46.0864, 50.4662, 35.7457



41.1999, 50.4662, 45.5710



49.8973, 50.4662, 80.0309



55.4364, 50.4662, 65.5329

Sweetspot

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



46.0877, 50.4685, 35.7468



89.7315, 95.6850, 92.1693



38.7872, 35.2813, 35.1203



19.5927, 20.9161, 19.9268



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.



46.0877, 50.4685, 35.7468



81.7359, 90.1647, 57.2238



42.6215, 49.9839, 35.8359



10.8345, 11.6004, 10.7299



24.9661, 28.2179, 4.1307



1.1015, 1.2649, 0.1861

Inverse Universe

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



33.5231, 33.0662, 55.6547



54.8696, 52.9567, 99.7995



36.4219, 33.6061, 55.6061



9.5986, 9.8886, 12.6876



6.5628, 2.8821, 33.7670



0.3086, 0.1745, 1.4673

Previews

White Background



This preview shows how the XYZ color 46.0864, 50.4662, 35.7457 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 46.0864, 50.4662, 35.7457 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

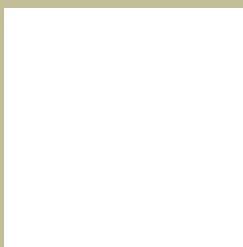
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0864, 50.4662, 35.7457

Background



This preview shows how black text looks on a background with the XYZ color 46.0864, 50.4662, 35.7457.



This preview shows how white text looks on a background with the XYZ color 46.0864, 50.4662,

35.7457.

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

46.0864, 50.4662, 35.7457

Protanopia

47.1479, 50.3839, 35.2571

Deuteranopia

51.3232, 50.3422, 36.2901



Tritanopia

50.9459, 50.2235, 60.4351

Trichromacy



Original Color

46.0864, 50.4662, 35.7457

Protanomaly

46.8316, 50.5391, 35.3037

Deuteranomaly

49.2239, 50.1846, 35.9464

Tritanomaly

49.0858, 50.4189, 50.3247

Monochromacy



Original Color

46.0864, 50.4662, 35.7457

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.7612, 49.9307, 46.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0864, 50.4662, 35.7457 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(194, 190, 149)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 149)  
}
```

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(194, 190, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 149) }
```

Border

The CSS property to change the border of an element to XYZ 46.0864, 50.4662, 35.7457 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(194, 190, 149) }
```


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

```
.border{ border-color:rgb(194, 190, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 149);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0864, 50.4662, 35.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 149) }
```

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

```
.background{ background-color: rgb(194,  
190, 149) }
```

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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