

Converting Colors

XYZ(46.0728, 48.5066, 36.7160)

Have a look what the booklet for
XYZ(46.0728, 48.5066, 36.7160)
contains.

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Color

**XYZ(46.0967, 48.5537,
36.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B898
RGB	198, 184, 152
RGB Percent	78%, 72%, 60%
CMY	0.2235, 0.2784, 0.4039
CMYK	0.00, 0.07, 0.23, 0.22
HSL	42°, 29%, 69%
HSV	42°, 23%, 78%
XYZ	46.0967, 48.5537, 36.6480
YIQ	184.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

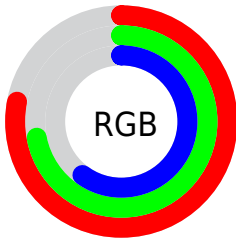
Format	Color
RYB	172, 198, 152
Decimal	13023384
CIELab	75.17, -0.15, 18.07
CIELCh	75, 18.074, 90.469
Yxy	48.5537, 0.3511, 0.3698
Android (android.graphics.Color)	4291213464 (0xFFC6B898)
YUV	184.5380, -16.0412, 11.8062
Hunter-Lab	69.6805, -3.8553, 17.5931

Details

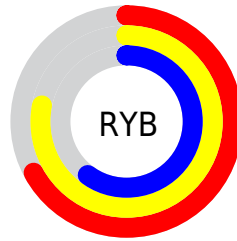
The XYZ color **46.0967, 48.5537, 36.6480** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7780, 38.0242, 58.8274**, and the grayscale version is **45.9375, 48.3299, 52.6312**.

A 20% lighter version of the original color is **83.5407, 88.0364, 70.9822**, and **21.9669, 23.1015, 15.6132** is the 20% darker color. If you saturate the color by 10%, you get **43.3840, 45.5103, 28.3999**, and if you desaturate by 10%, it is **49.1360, 51.8164, 46.3417**.

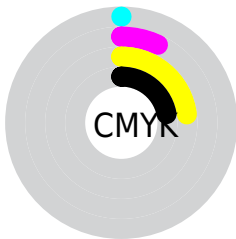
Distribution



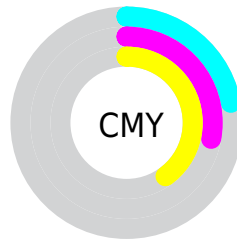
- Red (78%)
- Green (72%)
- Blue (60%)



- Red (67%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0967, 48.5537, 36.6480 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 46.0967, 48.5537, 36.6480 by changing the saturation by 10% instead.


 46.0967, 48.5537,
36.6480

 46.0967, 48.5537,
36.6480


361.9067,
380.9827, 346.9067

 32.5271, 34.2656,
24.6414

 83.5907, 88.0282,
71.2113

 21.9219, 23.0977,
15.5935


 108.2457,
113.9834, 94.6052

 13.9158, 14.6657,
9.0858


137.3267,
144.5965, 122.6319

 8.1434, 8.5851,
4.6996

171.1988,
180.2517, 155.7099

 4.2394, 4.4716,
2.0165

210.2275,
221.3336, 194.2579

 1.8385, 1.9407,
0.5654

254.7782,

 0.5407, 0.5727,

268.2264, 238.6943

0.0000

305.2161,
321.3146, 289.4378

■ 0.0000, 0.0000,
0.0000

■ 46.0967, 48.5537,
36.6480

■ 46.0967, 48.5537,
36.6480

■ 43.3840, 45.5103,
28.3999

■ 49.1360, 51.8164,
46.3417

■ 40.9801, 42.6730,
21.5235

■ 52.5112, 55.2980,
57.5440

■ 38.8708, 40.0367,
15.9427

■ 56.2360, 59.0069,
70.3179

■ 37.0396, 37.5937,
11.5730

■ 60.3220, 62.9485,
84.7218

■ 35.4678, 35.3354,
8.3194

■ 64.7804, 67.1284,
100.8111

■ 34.1339, 33.2522,
6.0729

■ 66.9718, 70.4917,
104.6842

■ 33.0124, 31.3326,
4.7023

■ 68.5830, 73.7141,
105.2213

■ 32.3425, 30.1130,
4.1078

■ 70.2518, 77.0517,
105.7776

■ 71.9788, 80.5057,
106.3532

Harmonies

Analogous

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



49.3589, 48.5537, 38.5345



46.0967, 48.5537, 36.6480



42.9948, 48.5537, 38.6556

Triad

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



46.0967, 48.5537, 36.6480



40.8755, 48.5537, 62.6631



51.9136, 48.5537, 62.3738

Complementary

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



46.0967, 48.5537, 36.6480



36.7780, 38.0242, 58.8274

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.



49.4534, 48.5537, 70.1930



46.0967, 48.5537, 36.6480



43.0811, 48.5537, 70.3736

Square

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



46.0967, 48.5537, 36.6480



40.0701, 48.5537, 53.0162



46.2010, 48.5537, 73.2785



52.8133, 48.5537, 52.7175

Rectangle

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



46.0967, 48.5537, 36.6480



41.4100, 48.5537, 42.0887



46.2010, 48.5537, 73.2785



51.2361, 48.5537, 65.3436

Sweetspot

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



46.0980, 48.5559, 36.6490



90.5998, 95.4868, 93.8914



41.4525, 37.2369, 41.3528



19.3131, 20.3568, 19.8336



0.0000, 0.0000, 0.0000



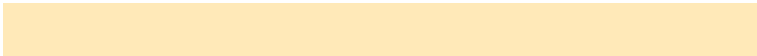
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0980, 48.5559, 36.6490



79.0669, 83.1380, 57.0078



46.9891, 53.5470, 37.5654



11.2410, 11.8512, 11.2578



21.1113, 19.7398, 2.6975



1.0613, 1.0580, 0.1483

Inverse Universe

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



36.7780, 38.0242, 58.8274



59.6304, 61.1790, 103.2736



36.0059, 34.0527, 58.1015



10.3155, 10.8050, 13.4594



7.7547, 4.9034, 35.2821



0.4320, 0.3617, 1.6922

Previews

White Background



This preview shows how the XYZ color 46.0967, 48.5537, 36.6480 looks on a white background.

Color Contrast Check

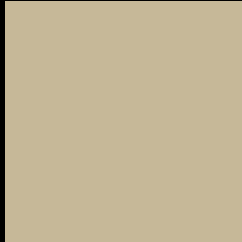
Large Text (above 18pt) WCAG AA × Fail

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 46.0967, 48.5537, 36.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

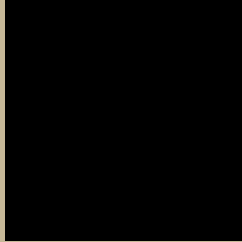
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0967, 48.5537, 36.6480

Background



This preview shows how black text looks on a background with the XYZ color 46.0967, 48.5537, 36.6480.



This preview shows how white text looks on a background with the XYZ color 46.0967, 48.5537,

36.6480.

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

46.0967, 48.5537, 36.6480

Protanopia

45.7814, 48.7007, 36.6930

Deuteranopia

49.4017, 48.4368, 36.8825



Tritanopia

50.0634, 48.3431, 56.5617

Trichromacy



Original Color

46.0967, 48.5537, 36.6480

Protanomaly

46.0424, 48.8352, 36.7052

Deuteranomaly

48.0835, 48.3523, 36.9357

Tritanomaly

48.3445, 48.2343, 48.3571

Monochromacy



Original Color

46.0967, 48.5537, 36.6480

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1270, 48.6622, 46.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0967, 48.5537, 36.6480 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(198, 184, 152) looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 152)  
}
```

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(198, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 152) }
```

Border

The CSS property to change the border of an element to XYZ 46.0967, 48.5537, 36.6480 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(198, 184, 152) }
```


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

```
.border{ border-color:rgb(198, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0967, 48.5537, 36.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 152) }
```

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

```
.background{ background-color: rgb(198,  
184, 152) }
```

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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