

Converting Colors

XYZ(58.4084, 56.6780, 46.9542)

Have a look what the booklet for
XYZ(58.4084, 56.6780, 46.9542)
contains.

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Color

**XYZ(58.4930, 56.6285,
46.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BEAC
RGB	230, 190, 172
RGB Percent	90%, 75%, 67%
CMY	0.0980, 0.2549, 0.3255
CMYK	0.00, 0.17, 0.25, 0.10
HSL	19°, 54%, 79%
HSV	19°, 25%, 90%
XYZ	58.4930, 56.6285, 46.8772
YIQ	199.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

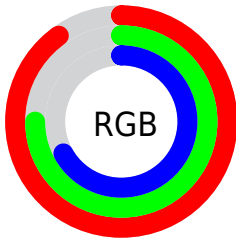
Format	Color
R _Y B	230, 198, 172
Decimal	15122092
CIE Lab	79.97, 11.63, 14.45
CIE LCh	80, 18.548, 51.161
Yxy	56.6285, 0.3611, 0.3496
Android (android.graphics.Color)	4293312172 (0xFFE6BEAC)
YUV	199.9080, -13.7586, 26.3907
Hunter-Lab	75.2519, 7.0565, 15.7424

Details

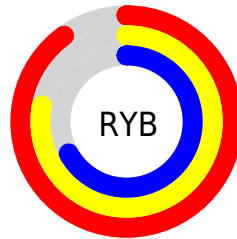
The XYZ color **58.4930, 56.6285, 46.8772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.8391, 61.5690, 83.8569**, and the grayscale version is **54.9136, 57.7734, 62.9152**.

A 20% lighter version of the original color is **88.0609, 92.7176, 85.9280**, and **29.7914, 28.2461, 21.6512** is the 20% darker color. If you saturate the color by 10%, you get **53.2224, 49.3214, 35.1492**, and if you desaturate by 10%, it is **64.5228, 64.8414, 60.7456**.

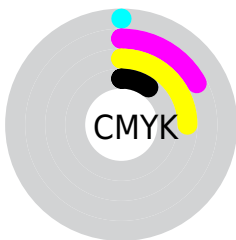
Distribution



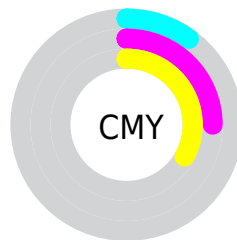
- Red (90%)
- Green (75%)
- Blue (67%)



- Red (90%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4930, 56.6285, 46.8772 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 58.4930, 56.6285, 46.8772 by changing the saturation by 10% instead.


 58.4930, 56.6285,
46.8772

 58.4930, 56.6285,
46.8772


408.9448,
412.0558, 390.7037

 42.4499, 40.7071,
32.5849


 101.7593, 99.9229,
86.8784

 29.6464, 28.0903,
21.5402


129.7132,
128.0647, 113.4243

 19.7171, 18.3937,
13.3243


162.3681,
161.0487, 144.8919

 12.2966, 11.2330,
7.5189

200.0893,
199.2593, 181.6998

 7.0197, 6.2238,
3.7054

243.2422,
243.0809, 224.2663

 3.5208, 2.9816,
1.4651

292.1922,

 1.4348, 1.1222,

292.8979, 273.0101

0.1918

347.3046,
349.0948, 328.3497

■ 0.2808, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4930, 56.6285,
46.8772

■ 58.4930, 56.6285,
46.8772

■ 53.2224, 49.3214,
35.1492

■ 64.5228, 64.8414,
60.7456

■ 48.6748, 42.8806,
25.4505

■ 71.3370, 73.9824,
76.8509

■ 44.8179, 37.2751,
17.6650

■ 78.9650, 84.0826,
95.2880

■ 41.6146, 32.4688,
11.6635

■ 85.9498, 94.5761,
108.3327

■ 39.0241, 28.4230,
7.3005

■ 86.4433, 95.5631,
108.4972

■ 37.0002, 25.0950,
4.4072

■ 35.4885, 22.4369,
2.7769

■ 34.9119, 21.3803,
2.2868

Harmonies

Analogous

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



60.8618, 56.6285, 54.4724



58.4930, 56.6285, 46.8772



54.9438, 56.6285, 43.3557

Triad

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



58.4930, 56.6285, 46.8772



46.9819, 56.6285, 58.5274



56.4798, 56.6285, 83.0873

Complementary

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



58.4930, 56.6285, 46.8772



54.8391, 61.5690, 83.8569

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.



52.7189, 56.6285, 84.5007



58.4930, 56.6285, 46.8772



47.3503, 56.6285, 69.4510

Square

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



58.4930, 56.6285, 46.8772



48.3790, 56.6285, 49.5480



49.4097, 56.6285, 79.2607



59.6623, 56.6285, 75.5978

Rectangle

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



58.4930, 56.6285, 46.8772



52.4344, 56.6285, 43.4713



49.4097, 56.6285, 79.2607



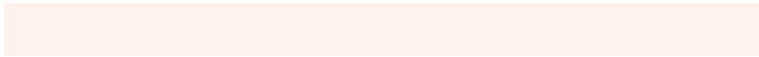
55.2374, 56.6285, 84.3207

Sweetspot

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



58.4945, 56.6311, 46.8784



87.6130, 90.1058, 91.0691



59.3457, 51.1125, 69.4233



18.4693, 18.9068, 18.8203



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.



58.4945, 56.6311, 46.8784



70.5048, 66.8518, 51.5708



65.2552, 70.1525, 49.1319



14.7401, 15.0942, 15.0410



19.8608, 12.2958, 1.3265



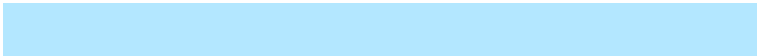
1.5480, 1.0694, 0.1248

Inverse Universe

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



54.8391, 61.5690, 83.8569



65.1717, 74.0375, 105.4635



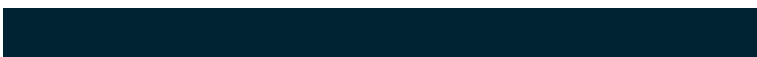
48.3543, 48.5996, 81.6953



14.4102, 15.5418, 18.3847



15.1802, 17.4225, 44.9460



1.2035, 1.4510, 3.3486

Previews

White Background



This preview shows how the XYZ color 58.4930, 56.6285, 46.8772 looks on a white background.

Color Contrast Check

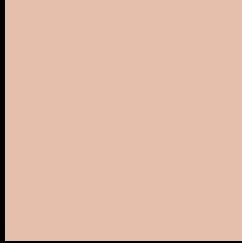
Large Text (above 18pt) WCAG AA × Fail

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 58.4930, 56.6285, 46.8772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

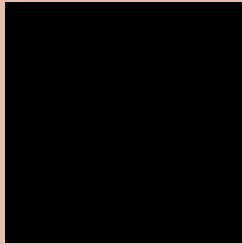
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4930, 56.6285, 46.8772

Background



This preview shows how black text looks on a background with the XYZ color 58.4930, 56.6285, 46.8772.



This preview shows how white text looks on a background with the XYZ color 58.4930, 56.6285,

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

58.4930, 56.6285, 46.8772

Protanopia

53.7627, 56.7882, 49.2019

Deuteranopia

57.7557, 56.5711, 46.9050



Tritanopia

61.5885, 56.6116, 62.3246

Trichromacy



Original Color

58.4930, 56.6285, 46.8772

Protanomaly

55.2773, 56.5724, 48.5636

Deuteranomaly

58.0721, 56.7341, 46.9198

Tritanomaly

60.3433, 56.4142, 56.4238

Monochromacy



Original Color

58.4930, 56.6285, 46.8772

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8982, 57.0464, 56.7801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4930, 56.6285, 46.8772 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(230, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 172)  
}
```

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(230, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 172) }
```

Border

The CSS property to change the border of an element to XYZ 58.4930, 56.6285, 46.8772 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(230, 190, 172) }
```


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

```
.border{ border-color:rgb(230, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4930, 56.6285, 46.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 172) }
```

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

```
.background{ background-color: rgb(230,  
190, 172) }
```

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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