

Converting Colors

XYZ(57.6406, 58.0241, 46.5204)

Have a look what the booklet for
XYZ(57.6406, 58.0241, 46.5204)
contains.

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Color

**XYZ(57.8311, 58.2674,
46.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C4AB
RGB	224, 196, 171
RGB Percent	88%, 77%, 67%
CMY	0.1216, 0.2314, 0.3294
CMYK	0.00, 0.12, 0.24, 0.12
HSL	28°, 46%, 77%
HSV	28°, 24%, 88%
XYZ	57.8311, 58.2674, 46.7268
YIQ	201.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

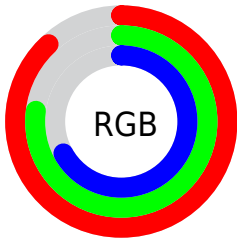
Format	Color
R _Y B	224, 218, 171
Decimal	14730411
CIE Lab	80.89, 6.07, 16.19
CIE LCh	81, 17.290, 69.451
Yxy	58.2674, 0.3552, 0.3579
Android (android.graphics.Color)	4292920491 (0xFFE0C4AB)
YUV	201.5220, -15.0473, 19.7132
Hunter-Lab	76.3331, 1.6514, 17.1392

Details

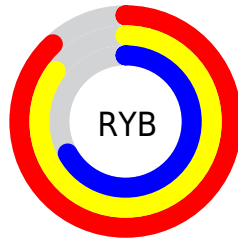
The XYZ color **57.8311, 58.2674, 46.7268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.6722, 54.8853, 78.4446**, and the grayscale version is **55.9225, 58.8348, 64.0711**.

A 20% lighter version of the original color is **90.0927, 97.0015, 85.9263**, and **29.1512, 29.0027, 21.5144** is the 20% darker color. If you saturate the color by 10%, you get **53.3102, 52.3576, 35.5636**, and if you desaturate by 10%, it is **62.9275, 64.7482, 59.8683**.

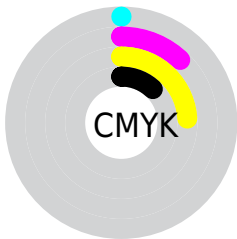
Distribution



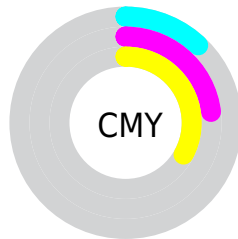
- Red (88%)
- Green (77%)
- Blue (67%)



- Red (88%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8311, 58.2674, 46.7268 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 57.8311, 58.2674, 46.7268 by changing the saturation by 10% instead.


 57.8311, 58.2674,
46.7268

 57.8311, 58.2674,
46.7268


406.5203,
418.1816, 390.0851

 41.9156, 42.0237,
32.4669


 100.8012,
102.3122, 86.6514

 29.2260, 29.1198,
21.4506


128.5866,
130.8820, 113.1532

 19.3970, 19.1715,
13.2594

161.0593,
164.3292, 144.5727

 12.0632, 11.7943,
7.4746

198.5847,
203.0384, 181.3285

 6.8592, 6.6037,
3.6777

241.5281,
247.3938, 223.8391

 3.4198, 3.2155,
1.4503

290.2550,

 1.3794, 1.2453,

297.7799, 272.5230

0.1805

345.1306,
354.5810, 327.7989

■ 0.2415, 0.0982,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8311, 58.2674,
46.7268

■ 57.8311, 58.2674,
46.7268

■ 53.3102, 52.3576,
35.5636

■ 62.9275, 64.7482,
59.8683

■ 49.3371, 46.9940,
26.2773

■ 68.6163, 71.8082,
75.0753

■ 45.8885, 42.1613,
18.7632

■ 74.9195, 79.4655,
92.4341

■ 42.9373, 37.8403,
12.9046

■ 80.9413, 87.3687,
107.2055

■ 40.4537, 34.0104,
8.5704

■ 84.5506, 94.5874,
108.4086

■ 38.4036, 30.6489,
5.6094

■ 36.7466, 27.7302,
3.8384

■ 35.8617, 26.0894,
3.1456

Harmonies

Analogous

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



60.8645, 58.2674, 51.7307



57.8311, 58.2674, 46.7268



54.2595, 58.2674, 45.9273

Triad

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



57.8311, 58.2674, 46.7268



48.8695, 58.2674, 66.7335



59.8683, 58.2674, 79.9030

Complementary

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



57.8311, 58.2674, 46.7268



50.6722, 54.8853, 78.4446

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.



56.5187, 58.2674, 84.9274



57.8311, 58.2674, 46.7268



50.2380, 58.2674, 76.8024

Square

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



57.8311, 58.2674, 46.7268



49.1869, 58.2674, 56.7767



53.0019, 58.2674, 83.7354



62.0753, 58.2674, 70.6123

Rectangle

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



57.8311, 58.2674, 46.7268



52.0677, 58.2674, 47.7887



53.0019, 58.2674, 83.7354



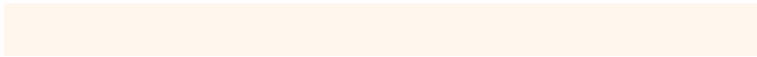
58.8329, 58.2674, 82.1900

Sweetspot

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



57.8326, 58.2700, 46.7280



89.3735, 93.0342, 93.4826



55.6438, 49.1098, 60.7423



19.0289, 19.7886, 19.7389



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.



57.8326, 58.2700, 46.7280



74.7363, 74.4768, 55.5643



64.2749, 71.1546, 48.8754



14.2378, 14.7616, 14.4056



20.9872, 15.4123, 1.8687



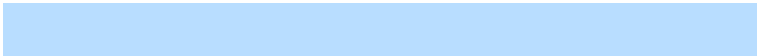
1.5438, 1.2465, 0.1592

Inverse Universe

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



50.6722, 54.8853, 78.4446



63.6611, 69.2403, 104.6172



45.1487, 43.8383, 76.6034



13.5483, 14.4358, 17.4600



11.7406, 10.9508, 42.5433



0.9033, 0.9380, 2.9787

Previews

White Background



This preview shows how the XYZ color 57.8311, 58.2674, 46.7268 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 57.8311, 58.2674, 46.7268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

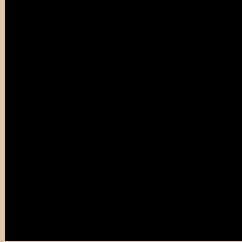
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8311, 58.2674, 46.7268

Background



This preview shows how black text looks on a background with the XYZ color 57.8311, 58.2674, 46.7268.



This preview shows how white text looks on a background with the XYZ color 57.8311, 58.2674,

46.7268.

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

57.8311, 58.2674, 46.7268

Protanopia

55.0611, 58.1746, 47.8619

Deuteranopia

59.4714, 58.1074, 47.1111



Tritanopia

61.7663, 58.2118, 66.3731

Trichromacy



Original Color

57.8311, 58.2674, 46.7268

Protanomaly

56.1887, 58.4243, 47.3453

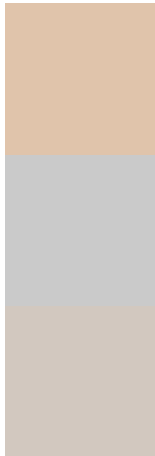
Deuteranomaly

58.7331, 58.0561, 47.1401

Tritanomaly

60.3742, 58.3211, 58.5271

Monochromacy



Original Color

57.8311, 58.2674, 46.7268

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6366, 58.7718, 57.6492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8311, 58.2674, 46.7268 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(224, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 171)  
}
```

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(224, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.8311, 58.2674, 46.7268 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(224, 196, 171) }
```


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

```
.border{ border-color:rgb(224, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8311, 58.2674, 46.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 171) }
```

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

```
.background{ background-color: rgb(224,  
196, 171) }
```

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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