

Converting Colors

XYZ(57.6568, 58.3100, 40.9425)

Have a look what the booklet for
XYZ(57.6568, 58.3100, 40.9425)
contains.

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Color

**XYZ(57.6765, 58.3140,
41.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C49F
RGB	227, 196, 159
RGB Percent	89%, 77%, 62%
CMY	0.1098, 0.2313, 0.3765
CMYK	0.00, 0.14, 0.30, 0.11
HSL	33°, 55%, 76%
HSV	33°, 30%, 89%
XYZ	57.6765, 58.3140, 41.0167
YIQ	201.0510, 30.3530, -4.9350

Conversions

Conversions Part 2

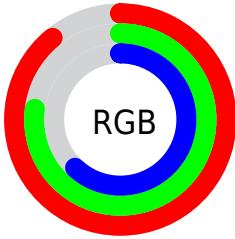
Format	Color
R_{YB}	216, 227, 159
Decimal	14927007
CIE _{Lab}	80.91, 5.58, 22.65
CIE _{LCh}	81, 23.326, 76.160
Yxy	58.3140, 0.3673, 0.3714
Android (android.graphics.Color)	4293117087 (0xFFE3C49F)
YUV	201.0510, -20.7311, 22.7573
Hunter-Lab	76.3636, 1.1826, 21.6085

Details

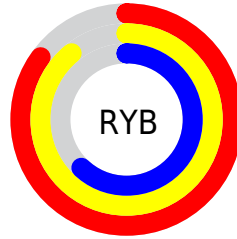
The XYZ color **57.6765, 58.3140, 41.0167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5761, 49.7423, 79.8196**, and the grayscale version is **55.6616, 58.5603, 63.7722**.

A 20% lighter version of the original color is **88.5029, 96.3656, 77.5541**, and **29.1214, 29.0655, 17.9852** is the 20% darker color. If you saturate the color by 10%, you get **53.6312, 53.0914, 30.8261**, and if you desaturate by 10%, it is **62.2476, 64.0086, 53.1686**.

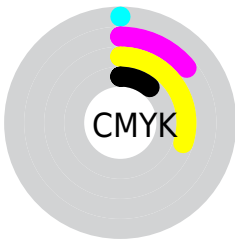
Distribution



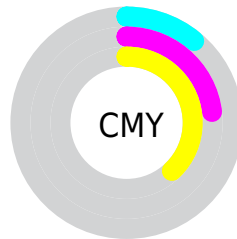
- Red (89%)
- Green (77%)
- Blue (62%)



- Red (85%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6765, 58.3140, 41.0167 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 57.6765, 58.3140, 41.0167 by changing the saturation by 10% instead.


 57.6765, 58.3140,
41.0167


 57.6765, 58.3140,
41.0167


405.9527,
418.3550, 366.0691

 41.7909, 42.0611,
28.0123


 100.5773,
102.3800, 77.9632

 29.1280, 29.1492,
18.0958


 128.3232,
130.9619, 102.7424

 19.3224, 19.1937,
10.8487


160.7532,
164.4222, 132.2836

 12.0089, 11.8103,
5.8523

198.2327,
203.1455, 167.0054

 6.8220, 6.6147,
2.6881

241.1271,
247.5160, 207.3263

 3.3963, 3.2223,
0.9374

289.8016,

 1.3667, 1.2489,

297.9181, 253.6649

0.0000

344.6217,
354.7363, 306.4396

■ 0.2323, 0.1011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6765, 58.3140,
41.0167

■ 57.6765, 58.3140,
41.0167

■ 53.6312, 53.0914,
30.8261

■ 62.2476, 64.0086,
53.1686

■ 50.0840, 48.3184,
22.4876

■ 67.3614, 70.1808,
67.3756

■ 47.0116, 43.9823,
15.8869

■ 73.0396, 76.8462,
83.7298

■ 44.3861, 40.0666,
10.8954

■ 79.3010, 84.0170,
102.3168

■ 42.1764, 36.5532,
7.3661

■ 83.2162, 90.5261,
107.6951

■ 40.3460, 33.4214,
5.1247

■ 85.4886, 95.0709,
108.4525

■ 38.8340, 30.6409,
3.8704

■ 38.8277, 30.6291,
3.8656

Harmonies

Analogous

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



62.1087, 58.3140, 46.1810



57.6765, 58.3140, 41.0167



52.8815, 58.3140, 41.2253

Triad

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



57.6765, 58.3140, 41.0167



46.9776, 58.3140, 71.1861



62.3959, 58.3140, 83.7503

Complementary

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



57.6765, 58.3140, 41.0167



46.5761, 49.7423, 79.8196

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.



58.0502, 58.3140, 92.6117



57.6765, 58.3140, 41.0167



49.2402, 58.3140, 84.6694

Square

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



57.6765, 58.3140, 41.0167



46.8905, 58.3140, 57.3433



53.2342, 58.3140, 92.9706



64.9385, 58.3140, 70.0696

Rectangle

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



57.6765, 58.3140, 41.0167



50.1258, 58.3140, 44.3542



53.2342, 58.3140, 92.9706



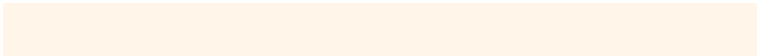
61.0866, 58.3140, 87.4732

Sweetspot

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



57.6780, 58.3167, 41.0179



88.3258, 92.1154, 89.5060



53.4518, 44.8776, 54.9821



18.6849, 19.4543, 18.5336



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.



57.6780, 58.3167, 41.0179



71.7025, 71.5789, 44.7813



64.6956, 73.4063, 43.5606



15.0236, 15.6612, 15.1355



22.7625, 18.0992, 2.2938



1.7747, 1.5227, 0.2004

Inverse Universe

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



46.5761, 49.7423, 79.8196



55.0369, 58.7110, 103.0393



41.0156, 37.9479, 77.8361



14.1213, 14.9640, 18.2884



11.0556, 9.1733, 43.5711



0.9089, 0.8616, 3.2504

Previews

White Background



This preview shows how the XYZ color 57.6765, 58.3140, 41.0167 looks on a white background.

Color Contrast Check

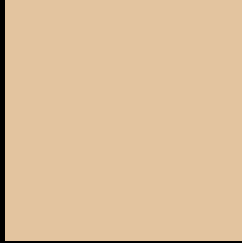
Large Text (above 18pt) WCAG AA × Fail

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 57.6765, 58.3140, 41.0167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

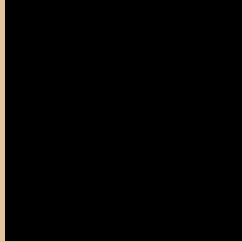
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6765, 58.3140, 41.0167

Background



This preview shows how black text looks on a background with the XYZ color 57.6765, 58.3140, 41.0167.



This preview shows how white text looks on a background with the XYZ color 57.6765, 58.3140,

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

57.6765, 58.3140, 41.0167

Protanopia

54.7602, 58.4926, 42.1222

Deuteranopia

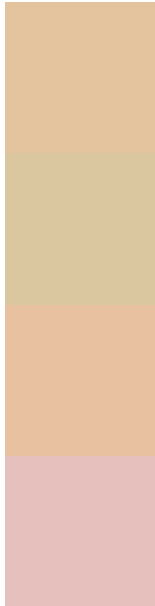
59.6761, 58.3402, 41.3732



Tritanopia

62.5913, 58.3423, 65.0890

Trichromacy



Original Color

57.6765, 58.3140, 41.0167

Protanomaly

55.6820, 58.2903, 41.5741

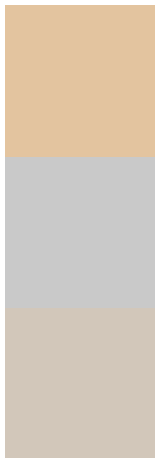
Deuteranomaly

58.9157, 58.2774, 41.4012

Tritanomaly

60.5599, 58.1531, 55.6098

Monochromacy



Original Color

57.6765, 58.3140, 41.0167

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8647, 58.0937, 54.7232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6765, 58.3140, 41.0167 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(227, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 159)  
}
```

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(227, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 159) }
```

Border

The CSS property to change the border of an element to XYZ 57.6765, 58.3140, 41.0167 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(227, 196, 159) }
```


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

```
.border{ border-color:rgb(227, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6765, 58.3140, 41.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 159) }
```

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

```
.background{ background-color: rgb(227,  
196, 159) }
```

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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