

Converting Colors

XYZ(58.6559, 58.1900, 41.8871)

Have a look what the booklet for
XYZ(58.6559, 58.1900, 41.8871)
contains.

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Color

**XYZ(58.6798, 58.1457,
41.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C2A1
RGB	231, 194, 161
RGB Percent	91%, 76%, 63%
CMY	0.0941, 0.2392, 0.3686
CMYK	0.00, 0.16, 0.30, 0.09
HSL	28°, 59%, 77%
HSV	28°, 30%, 91%
XYZ	58.6798, 58.1457, 41.8487
YIQ	201.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

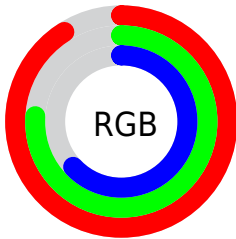
Format	Color
R _Y B	231, 223, 161
Decimal	15188641
CIE Lab	80.82, 8.42, 21.52
CIE LCh	81, 23.107, 68.624
Yxy	58.1457, 0.3698, 0.3664
Android (android.graphics.Color)	4293378721 (0xFFE7C2A1)
YUV	201.3010, -19.8684, 26.0460
Hunter-Lab	76.2533, 3.9191, 20.8383

Details

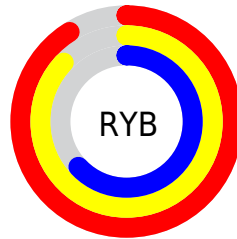
The XYZ color **58.6798, 58.1457, 41.8487** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3153, 53.7331, 83.3738**, and the grayscale version is **55.8106, 58.7171, 63.9429**.

A 20% lighter version of the original color is **87.8203, 94.5891, 78.5946**, and **29.5940, 28.8590, 18.4786** is the 20% darker color. If you saturate the color by 10%, you get **54.2219, 52.1941, 31.2241**, and if you desaturate by 10%, it is **63.7404, 64.6997, 54.5321**.

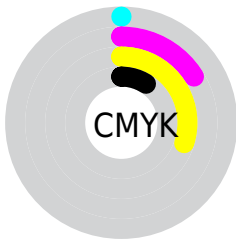
Distribution



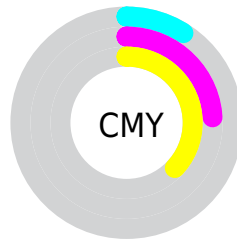
- Red (91%)
- Green (76%)
- Blue (63%)



- Red (91%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6798, 58.1457, 41.8487 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 58.6798, 58.1457, 41.8487 by changing the saturation by 10% instead.


 58.6798, 58.1457,
41.8487


 58.6798, 58.1457,
41.8487


409.6274,
417.7286, 369.6365

 42.6008, 41.9258,
28.6582


 102.0294,
102.1350, 79.2382

 29.7652, 29.0432,
18.5790


 130.0308,
130.6732, 104.2742

 19.8076, 19.1135,
11.1928


162.7369,
164.0863, 134.0959

 12.3627, 11.7523,
6.0808

200.5133,
202.7586, 169.1216

 7.0652, 6.5753,
2.8247

243.7251,
247.0746, 209.7700

 3.5496, 3.1979,
1.0058

292.7379,

 1.4506, 1.2359,

297.4187, 256.4596

0.0000

347.9168,
354.1752, 309.6089

■ 0.2919, 0.0907,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6798, 58.1457,
41.8487

■ 58.6798, 58.1457,
41.8487

■ 54.2219, 52.1941,
31.2241

■ 63.7404, 64.6997,
54.5321

■ 50.3360, 46.8178,
22.5436

■ 69.4234, 71.8661,
69.3734

■ 46.9953, 41.9994,
15.6867

■ 75.7532, 79.6646,
86.4694

■ 44.1686, 37.7172,
10.5178

■ 82.7513, 88.1116,
105.9102

■ 41.8210, 33.9474,
6.8819

■ 86.7651, 95.7290,
108.5123

■ 39.9115, 30.6638,
4.5947

■ 38.4148, 27.9083,
3.3622

Harmonies

Analogous

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



62.7525, 58.1457, 48.2771



58.6798, 58.1457, 41.8487



53.9007, 58.1457, 40.7122

Triad

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



58.6798, 58.1457, 41.8487



46.6773, 58.1457, 67.3353



61.1962, 58.1457, 86.1523

Complementary

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



58.6798, 58.1457, 41.8487



49.3153, 53.7331, 83.3738

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.



56.6537, 58.1457, 93.0242



58.6798, 58.1457, 41.8487



48.3995, 58.1457, 81.1804

Square

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



58.6798, 58.1457, 41.8487



47.1504, 58.1457, 54.2032



51.9867, 58.1457, 91.0844



64.2626, 58.1457, 73.3853

Rectangle

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



58.6798, 58.1457, 41.8487



50.9836, 58.1457, 42.9235



51.9867, 58.1457, 91.0844



59.7811, 58.1457, 89.3062

Sweetspot

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



58.6813, 58.1484, 41.8499



87.8246, 91.1130, 89.3389



55.9319, 46.5719, 59.6698



18.5615, 19.2076, 18.4925



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.



58.6813, 58.1484, 41.8499



70.0567, 68.2873, 44.2327



67.3155, 75.4167, 44.7279



14.9345, 15.4830, 15.1058



21.6580, 15.8901, 1.9256



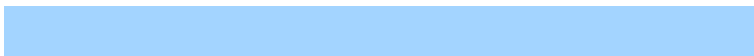
1.6928, 1.3590, 0.1731

Inverse Universe

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



49.3153, 53.7331, 83.3738



56.6679, 61.9730, 103.5830



42.2788, 39.6603, 81.0283



14.2102, 15.1418, 18.3180



12.1190, 11.3001, 43.9256



0.9884, 1.0208, 3.2769

Previews

White Background



This preview shows how the XYZ color 58.6798, 58.1457, 41.8487 looks on a white background.

Color Contrast Check

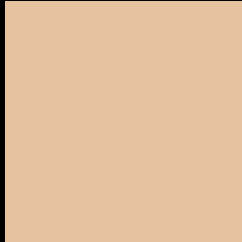
Large Text (above 18pt) WCAG AA × Fail

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 58.6798, 58.1457, 41.8487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

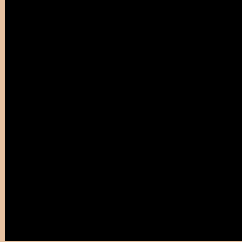
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6798, 58.1457, 41.8487

Background



This preview shows how black text looks on a background with the XYZ color 58.6798, 58.1457, 41.8487.



This preview shows how white text looks on a background with the XYZ color 58.6798, 58.1457,

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

58.6798, 58.1457, 41.8487

Protanopia

54.7957, 58.1350, 43.4551

Deuteranopia

59.4347, 58.2056, 41.8205



Tritanopia

63.3548, 58.1111, 64.3773

Trichromacy



Original Color

58.6798, 58.1457, 41.8487

Protanomaly

56.3201, 58.2482, 42.9250

Deuteranomaly

59.1073, 58.0368, 41.8051

Tritanomaly

61.4222, 57.9502, 55.5252

Monochromacy



Original Color

58.6798, 58.1457, 41.8487

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2084, 57.9304, 54.6736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6798, 58.1457, 41.8487 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(231, 194, 161)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 161)  
}
```

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(231, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 161) }
```

Border

The CSS property to change the border of an element to XYZ 58.6798, 58.1457, 41.8487 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(231, 194, 161) }
```


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

```
.border{ border-color:rgb(231, 194, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 194, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 194, 161);  
box-shadow:4px 4px 4px 4px rgb(231, 194,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6798, 58.1457, 41.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 194, 161) }
```

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

```
.background{ background-color: rgb(231,  
194, 161) }
```

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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