

Converting Colors

XYZ(57.7088, 57.1922, 35.5929)

Have a look what the booklet for
XYZ(57.7088, 57.1922, 35.5929)
contains.

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Color

**XYZ(57.7204, 57.1295,
35.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C093
RGB	233, 192, 147
RGB Percent	91%, 75%, 58%
CMY	0.0863, 0.2470, 0.4235
CMYK	0.00, 0.18, 0.37, 0.09
HSL	31°, 66%, 75%
HSV	31°, 37%, 91%
XYZ	57.7204, 57.1295, 35.5887
YIQ	199.1290, 38.8810, -5.3030

Conversions

Conversions Part 2

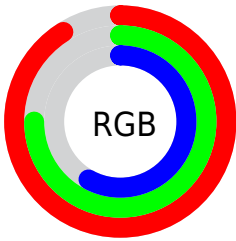
Format	Color
R _Y B	225, 233, 147
Decimal	15319187
CIE Lab	80.25, 8.53, 28.18
CIE LCh	80, 29.449, 73.153
Yxy	57.1295, 0.3837, 0.3798
Android (android.graphics.Color)	4293509267 (0xFFE9C093)
YUV	199.1290, -25.6996, 29.7049
Hunter-Lab	75.5841, 4.0409, 24.9922

Details

The XYZ color **57.7204, 57.1295, 35.5887** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7233, 48.0511, 84.0085**, and the grayscale version is **54.5020, 57.3404, 62.4436**.

A 20% lighter version of the original color is **85.3500, 92.6118, 68.6358**, and **29.2484, 28.5399, 15.0335** is the 20% darker color. If you saturate the color by 10%, you get **53.7269, 51.7781, 26.1325**, and if you desaturate by 10%, it is **62.2712, 63.0025, 47.0587**.

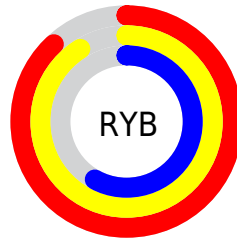
Distribution



Red (91%)

Green (75%)

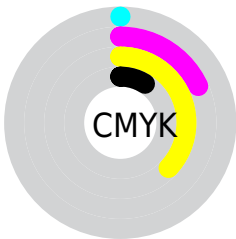
Blue (58%)



Red (88%)

Yellow (91%)

Blue (58%)

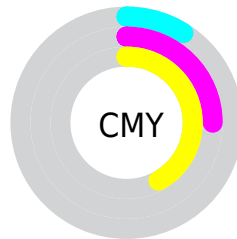


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7204, 57.1295, 35.5887 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 57.7204, 57.1295, 35.5887 by changing the saturation by 10% instead.


 57.7204, 57.1295,
35.5887


 57.7204, 57.1295,
35.5887


406.1140,
413.9344, 342.1421

 41.8263, 41.1092,
23.8295


 100.6409,
100.6541, 69.5586

 29.1558, 28.4044,
14.9962


 128.3980,
128.9273, 92.6065

 19.3436, 18.6308,
8.6701


160.8401,
162.0535, 120.2543

 12.0243, 11.4038,
4.4328

198.3327,
200.4171, 152.9207

 6.8325, 6.3391,
1.8656

241.2410,
244.4027, 191.0241

 3.4030, 3.0524,
0.4707

289.9304,

 1.3703, 1.1591,

294.3945, 234.9831

0.0000

344.7663,
350.7769, 285.2163

■ 0.2349, 0.0279,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7204, 57.1295,
35.5887

■ 57.7204, 57.1295,
35.5887

■ 53.7269, 51.7781,
26.1325

■ 62.2712, 63.0025,
47.0587

■ 50.2599, 46.9232,
18.5669

■ 67.3994, 69.4051,
60.6490

■ 47.2916, 42.5492,
12.7603

■ 73.1294, 76.3553,
76.4625

■ 44.7895, 38.6360,
8.5625

■ 79.4828, 83.8675,
94.5943

■ 42.7159, 35.1615,
5.7976

■ 85.0804, 91.3959,
107.7647

■ 41.0237, 32.0993,
4.2404

■ 87.4143, 96.0637,
108.5427

■ 40.5555, 31.2261,
3.8897

Harmonies

Analogous

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



63.1796, 57.1295, 42.1931



57.7204, 57.1295, 35.5887



51.7110, 57.1295, 35.2093

Triad

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



57.7204, 57.1295, 35.5887



43.8008, 57.1295, 70.0479



62.5983, 57.1295, 89.6251

Complementary

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



57.7204, 57.1295, 35.5887



44.7233, 48.0511, 84.0085

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.



56.9737, 57.1295, 100.3434



57.7204, 57.1295, 35.5887



46.2937, 57.1295, 87.7132

Square

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



57.7204, 57.1295, 35.5887



43.9682, 57.1295, 53.0921



51.0172, 57.1295, 99.5854



66.1352, 57.1295, 72.3037

Rectangle

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



57.7204, 57.1295, 35.5887



48.2188, 57.1295, 38.3950



51.0172, 57.1295, 99.5854



60.8719, 57.1295, 94.2514

Sweetspot

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



57.7218, 57.1322, 35.5899



86.7400, 90.0869, 85.4537



53.1767, 41.8470, 53.1730



18.3605, 19.0332, 17.7234



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.



57.7218, 57.1322, 35.5899



67.1899, 65.2513, 34.9607



67.5438, 77.4679, 38.9974



15.7178, 16.3585, 15.8478



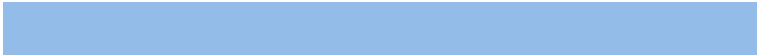
23.1371, 17.9685, 2.2488



1.9131, 1.6035, 0.2087

Inverse Universe

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



44.7233, 48.0511, 84.0085



49.1472, 52.6500, 102.1799



37.4336, 33.0878, 81.5045



14.8235, 15.7335, 19.1778



11.6977, 10.0425, 45.0648



1.0143, 0.9801, 3.5706

Previews

White Background



This preview shows how the XYZ color 57.7204, 57.1295, 35.5887 looks on a white background.

Color Contrast Check

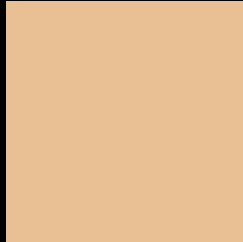
Large Text (above 18pt) WCAG AA × Fail

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 57.7204, 57.1295, 35.5887 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 57.7204, 57.1295, 35.5887

Background



This preview shows how black text looks on a background with the XYZ color 57.7204, 57.1295, 35.5887.



This preview shows how white text looks on a background with the XYZ color 57.7204, 57.1295,

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

57.7204, 57.1295, 35.5887

Protanopia

53.3690, 57.1950, 37.0810

Deuteranopia

58.1582, 57.0304, 35.5465



Tritanopia

62.9177, 56.9986, 61.7185

Trichromacy



Original Color

57.7204, 57.1295, 35.5887

Protanomaly

54.6799, 56.8654, 36.5280

Deuteranomaly

57.8289, 56.8606, 35.5310

Tritanomaly

60.8135, 57.0946, 50.9952

Monochromacy



Original Color

57.7204, 57.1295, 35.5887

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8421, 56.6240, 51.2191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7204, 57.1295, 35.5887 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(233, 192, 147)` looks like.

```
.text, #text, p{  
    color:rgb(233, 192, 147)  
}
```

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(233, 192, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 192, 147) }
```

Border

The CSS property to change the border of an element to XYZ 57.7204, 57.1295, 35.5887 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(233, 192, 147) }
```


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

```
.border{ border-color:rgb(233, 192, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 192, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 192, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 192, 147);  
box-shadow:4px 4px 4px 4px rgb(233, 192,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7204, 57.1295, 35.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 192, 147) }
```

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

```
.background{ background-color: rgb(233,  
192, 147) }
```

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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