

Converting Colors

XYZ(57.8104, 59.2354, 27.8970)

Have a look what the booklet for
XYZ(57.8104, 59.2354, 27.8970)
contains.

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Color

**XYZ(57.8274, 59.3613,
27.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC67D
RGB	234, 198, 125
RGB Percent	92%, 78%, 49%
CMY	0.0824, 0.2235, 0.5098
CMYK	0.00, 0.15, 0.47, 0.08
HSL	40°, 72%, 70%
HSV	40°, 47%, 92%
XYZ	57.8274, 59.3613, 27.8121
YIQ	200.4420, 44.8890, -15.0710

Conversions

Conversions Part 2

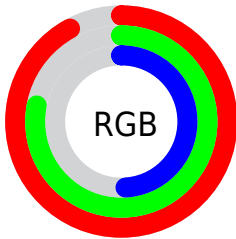
Format	Color
RYB	179, 234, 125
Decimal	15386237
CIELab	81.49, 3.46, 41.19
CIELCh	81, 41.333, 85.195
Yxy	59.3613, 0.3988, 0.4094
Android (android.graphics.Color)	4293576317 (0xFFEAC67D)
YUV	200.4420, -37.1929, 29.4304
Hunter-Lab	77.0463, -0.8571, 32.5299

Details

The XYZ color **57.8274, 59.3613, 27.8121** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.0531, 35.7888, 82.8492**, and the grayscale version is **55.3766, 58.2605, 63.4457**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **29.1138, 29.6710, 10.6712** is the 20% darker color. If you saturate the color by 10%, you get **54.7841, 55.3917, 20.2714**, and if you desaturate by 10%, it is **61.3159, 63.6576, 37.2396**.

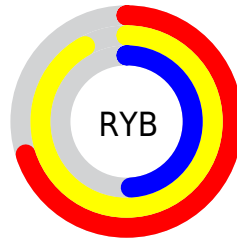
Distribution



Red (92%)

Green (78%)

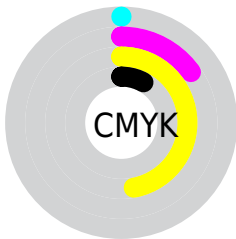
Blue (49%)



Red (70%)

Yellow (92%)

Blue (49%)

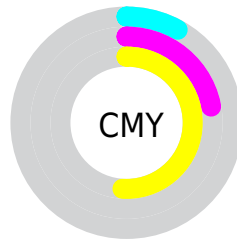


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (22%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8274, 59.3613, 27.8121 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 57.8274, 59.3613, 27.8121 by changing the saturation by 10% instead.

 57.8274, 59.3613,
27.8121

 57.8274, 59.3613,
27.8121


406.5067,
422.2395, 305.4516


 41.9126, 42.9040,
17.9463


 100.7959,
103.9026, 57.2038

 29.2237, 29.8098,
10.7424


 128.5803,
132.7554, 77.5667

 19.3952, 19.6943,
5.7819


 161.0520,
166.5089, 102.2658

 12.0619, 12.1730,
2.6463

198.5763,
205.5473, 131.7195

 6.8584, 6.8616,
0.9162

241.5185,
250.2553, 166.3464

 3.4192, 3.3757,
0.0000

290.2441,

 1.3791, 1.3309,

301.0170, 206.5650

0.0000

345.1184,
358.2170, 252.7939

■ 0.2413, 0.1649,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8274, 59.3613,
27.8121

■ 57.8274, 59.3613,
27.8121

■ 54.7841, 55.3917,
20.2714

■ 61.3159, 63.6576,
37.2396

■ 52.1551, 51.7277,
14.4814


■ 65.2692, 68.2838,
48.6702


■ 49.9123, 48.3581,
10.2930


■ 69.7108, 73.2537,
62.2149


■ 48.0208, 45.2666,
7.5307


■ 74.6611, 78.5774,
77.9754


 46.4373, 42.4338,
5.9728

 80.1395, 84.2646,
96.0469

 45.9425, 41.5143,
5.5916

 84.4434, 89.6361,
107.4586

 86.8222, 94.3937,
108.2515

 87.7415, 96.2323,
108.5580

Harmonies

Analogous

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



66.4678, 59.3613, 32.8561



57.8274, 59.3613, 27.8121



49.6263, 59.3613, 30.3770

Triad

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



57.8274, 59.3613, 27.8121



42.6570, 59.3613, 87.1311



71.2254, 59.3613, 95.8496

Complementary

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



57.8274, 59.3613, 27.8121



36.0531, 35.7888, 82.8492

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.



63.8095, 59.3613, 118.0926



57.8274, 59.3613, 27.8121



47.4415, 59.3613, 112.2228

Square

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



57.8274, 59.3613, 27.8121



41.4036, 59.3613, 60.7217



55.0379, 59.3613, 124.7425



74.6910, 59.3613, 68.7116

Rectangle

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



57.8274, 59.3613, 27.8121



45.4137, 59.3613, 36.5194



55.0379, 59.3613, 124.7425



69.0773, 59.3613, 104.3949

Sweetspot

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



57.8288, 59.3641, 27.8133



86.1795, 90.6179, 80.1739



47.7280, 34.7452, 38.0641



18.1772, 19.1029, 16.3172



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.



57.8288, 59.3641, 27.8133



66.6937, 67.4702, 24.8956



61.3942, 74.8996, 30.6240



15.9085, 16.7401, 15.9114



25.9372, 23.5687, 3.1822



2.1241, 2.0256, 0.2790

Inverse Universe

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



36.0531, 35.7888, 82.8492



37.2170, 35.5966, 99.5170



33.5420, 26.4630, 81.1815



14.6375, 15.3615, 19.1158



9.9503, 6.5476, 44.4823



0.8665, 0.6846, 3.5213

Previews

White Background



This preview shows how the XYZ color 57.8274, 59.3613, 27.8121 looks on a white background.

Color Contrast Check

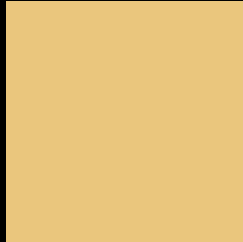
Large Text (above 18pt) WCAG AA × Fail

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 57.8274, 59.3613, 27.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

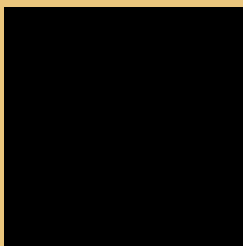
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8274, 59.3613, 27.8121

Background



This preview shows how black text looks on a background with the XYZ color 57.8274, 59.3613, 27.8121.



This preview shows how white text looks on a background with the XYZ color 57.8274, 59.3613,

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

57.8274, 59.3613, 27.8121

Protanopia

55.0055, 59.6163, 28.6867

Deuteranopia

60.7139, 59.5024, 28.0238



Tritanopia

65.3807, 59.1555, 64.4721

Trichromacy



Original Color

57.8274, 59.3613, 27.8121

Protanomaly

56.0166, 59.4484, 28.2610

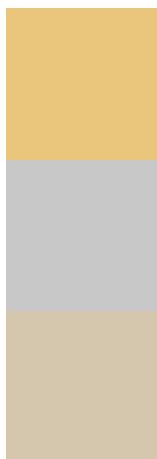
Deuteranomaly

59.5566, 59.2373, 28.0336

Tritanomaly

62.1841, 59.1451, 48.6961

Monochromacy



Original Color

57.8274, 59.3613, 27.8121

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1176, 57.8610, 47.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8274, 59.3613, 27.8121 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(234, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 125)  
}
```

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(234, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 125) }
```

Border

The CSS property to change the border of an element to XYZ 57.8274, 59.3613, 27.8121 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(234, 198, 125) }
```


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

```
.border{ border-color:rgb(234, 198, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8274, 59.3613, 27.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 125) }
```

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

```
.background{ background-color: rgb(234,  
198, 125) }
```

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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