

Converting Colors

XYZ(59.1380, 59.7133, 27.1478)

Have a look what the booklet for
XYZ(59.1380, 59.7133, 27.1478)
contains.

XYZ(59.1380, 59.7133, 27.1478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1380, 59.7133,
27.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC57B
RGB	239, 197, 123
RGB Percent	94%, 77%, 48%
CMY	0.0627, 0.2274, 0.5176
CMYK	0.00, 0.18, 0.49, 0.06
HSL	38°, 78%, 71%
HSV	38°, 49%, 94%
XYZ	59.1380, 59.7133, 27.1478
YIQ	201.1220, 48.7860, -14.1100

Conversions

Conversions Part 2

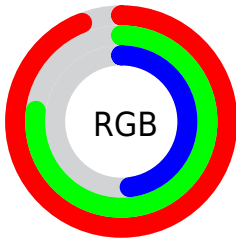
Format	Color
R _Y B	189, 239, 123
Decimal	15713659
CIE Lab	81.68, 5.81, 42.54
CIE LCh	82, 42.933, 82.222
Yxy	59.7133, 0.4051, 0.4090
Android (android.graphics.Color)	4293903739 (0xFFEFC57B)
YUV	201.1220, -38.5141, 33.2190
Hunter-Lab	77.2744, 1.3757, 33.2625

Details

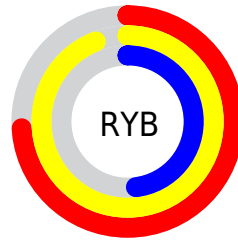
The XYZ color **59.1380, 59.7133, 27.1478** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.2030, 37.3518, 86.9099**, and the grayscale version is **55.8045, 58.7107, 63.9359**.

A 20% lighter version of the original color is **84.6176, 95.3179, 55.5334**, and **30.0482, 29.9366, 10.3255** is the 20% darker color. If you saturate the color by 10%, you get **55.9125, 55.3714, 19.5709**, and if you desaturate by 10%, it is **62.8445, 64.4326, 36.6880**.

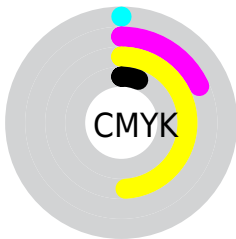
Distribution



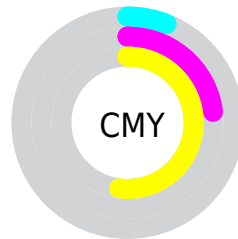
- Red (94%)
- Green (77%)
- Blue (48%)



- Red (74%)
- Yellow (94%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1380, 59.7133, 27.1478 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 59.1380, 59.7133, 27.1478 by changing the saturation by 10% instead.

59.1380, 59.7133,
27.1478

59.1380, 59.7133,
27.1478

411.2990,
423.5402, 302.1548

42.9710, 43.1876,
17.4508

102.6917,
104.4137, 56.1276

30.0568, 30.0323,
10.3911

130.8091,
133.3571, 76.2475

20.0300, 19.8631,
5.5501

163.6407,
167.2086, 100.6787

12.5252, 12.2956,
2.5091

201.5518,
206.3525, 129.8399

7.1772, 6.9453,
0.8450

244.9079,
251.1732, 164.1496

3.6205, 3.4279,
0.0000

294.0742,

1.4897, 1.3590,

302.0551, 204.0263

0.0000

349.4161,
359.3827, 249.8885

■ 0.3188, 0.1862,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1380, 59.7133,
27.1478

■ 59.1380, 59.7133,
27.1478

■ 55.9125, 55.3714,
19.5709

■ 62.8445, 64.4326,
36.6880

■ 53.1345, 51.3837,
13.8105


■ 67.0536, 69.5340,
48.3166


■ 50.7730, 47.7369,
9.7051


■ 71.7910, 75.0329,
62.1524

■ 48.7894, 44.4125,
7.0625


■ 77.0788, 80.9411,
78.3042

 47.1292, 41.3855,
5.6048

 82.9379, 87.2695,
96.8737

 46.9023, 40.9623,
5.4345

 87.4974, 93.2725,
107.9995

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



68.0699, 59.7133, 33.1039



59.1380, 59.7133, 27.1478



50.4395, 59.7133, 28.9958

Triad

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



59.1380, 59.7133, 27.1478



42.1528, 59.7133, 85.6937



71.6139, 59.7133, 100.4827

Complementary

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



59.1380, 59.7133, 27.1478



37.2030, 37.3518, 86.9099

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.



63.5783, 59.7133, 122.7643



59.1380, 59.7133, 27.1478



46.7703, 59.7133, 112.7683

Square

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



59.1380, 59.7133, 27.1478



41.2330, 59.7133, 58.5177



54.4383, 59.7133, 127.7739



75.7542, 59.7133, 71.9819

Rectangle

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



59.1380, 59.7133, 27.1478



45.8697, 59.7133, 34.7093



54.4383, 59.7133, 127.7739



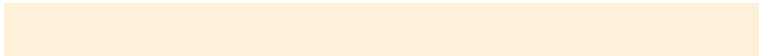
69.2406, 59.7133, 109.2286

Sweetspot

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



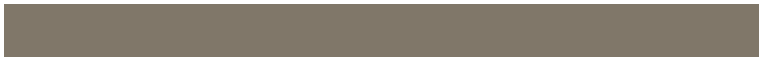
59.1395, 59.7161, 27.1490



85.2324, 89.2578, 78.2115



49.5200, 35.2532, 40.0475



17.9734, 18.8005, 15.9252



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.



59.1395, 59.7161, 27.1490



64.8925, 64.3105, 22.9305



65.0377, 78.9357, 30.5479



16.6137, 17.4406, 16.6404



26.0483, 22.8947, 3.0462



2.2610, 2.0928, 0.2848

Inverse Universe

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



37.2030, 37.3518, 86.9099



36.8080, 35.7170, 99.5618



33.2221, 25.8418, 84.8980



15.3657, 16.1655, 20.0320



10.5854, 7.3951, 45.9974



0.9719, 0.7978, 3.8570

Previews

White Background



This preview shows how the XYZ color 59.1380, 59.7133, 27.1478 looks on a white background.

Color Contrast Check

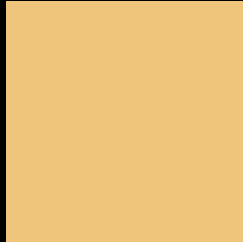
Large Text (above 18pt) WCAG AA × Fail

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 59.1380, 59.7133, 27.1478 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 59.1380, 59.7133, 27.1478

Background



This preview shows how black text looks on a background with the XYZ color 59.1380, 59.7133, 27.1478.



This preview shows how white text looks on a background with the XYZ color 59.1380, 59.7133,

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

59.1380, 59.7133, 27.1478

Protanopia

55.1818, 59.7221, 28.0212

Deuteranopia

60.9359, 59.6316, 27.3672



Tritanopia

66.4370, 59.3977, 63.8404

Trichromacy



Original Color

59.1380, 59.7133, 27.1478

Protanomaly

56.5196, 59.7225, 27.6175

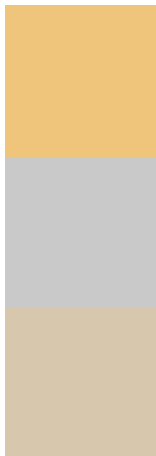
Deuteranomaly

60.1153, 59.5401, 27.3928

Tritanomaly

63.1358, 59.3334, 47.6600

Monochromacy



Original Color

59.1380, 59.7133, 27.1478

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2214, 58.7728, 47.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1380, 59.7133, 27.1478 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(239, 197, 123)` looks like.

```
.text, #text, p{  
    color:rgb(239, 197, 123)  
}
```

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(239, 197, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 197, 123) }
```

Border

The CSS property to change the border of an element to XYZ 59.1380, 59.7133, 27.1478 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(239, 197, 123) }
```


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

```
.border{ border-color:rgb(239, 197, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 197, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 197, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 197, 123); box-shadow:4px 4px 4px 4px rgb(239, 197, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1380, 59.7133, 27.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 197, 123) }
```

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

```
.background{ background-color: rgb(239,  
197, 123) }
```

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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