

Converting Colors

XYZ(58.0043, 59.0118, 26.3219)

Have a look what the booklet for
XYZ(58.0043, 59.0118, 26.3219)
contains.

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Color

**XYZ(58.0095, 59.1458,
26.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC579
RGB	236, 197, 121
RGB Percent	93%, 77%, 47%
CMY	0.0745, 0.2274, 0.5255
CMYK	0.00, 0.17, 0.49, 0.07
HSL	40°, 75%, 70%
HSV	40°, 49%, 93%
XYZ	58.0095, 59.1458, 26.4480
YIQ	199.9970, 47.6400, -15.3680

Conversions

Conversions Part 2

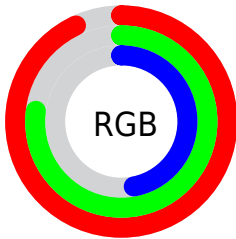
Format	Color
RYB	180, 236, 121
Decimal	15517049
CIELab	81.37, 4.42, 43.09
CIElCh	81, 43.319, 84.149
Yxy	59.1458, 0.4040, 0.4119
Android (android.graphics.Color)	4293707129 (0xFFECC579)
YUV	199.9970, -38.9455, 31.5746
Hunter-Lab	76.9063, 0.0544, 33.4446

Details

The XYZ color **58.0095, 59.1458, 26.4480** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.5958, 35.2614, 84.2867**, and the grayscale version is **55.1109, 57.9809, 63.1412**.

A 20% lighter version of the original color is **84.4197, 95.2388, 54.4910**, and **29.2880, 29.5521, 9.9548** is the 20% darker color. If you saturate the color by 10%, you get **54.9669, 55.1002, 19.1462**, and if you desaturate by 10%, it is **61.5055, 63.5316, 35.6486**.

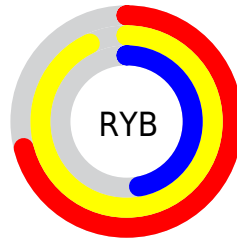
Distribution



Red (93%)

Green (77%)

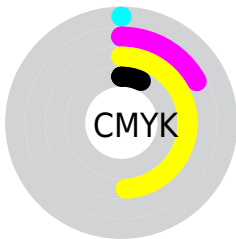
Blue (47%)



Red (71%)

Yellow (93%)

Blue (47%)

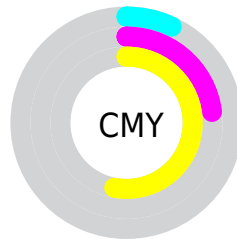


Cyan (0%)

Magenta (17%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0095, 59.1458, 26.4480 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 58.0095, 59.1458, 26.4480 by changing the saturation by 10% instead.

■ 58.0095, 59.1458,
26.4480

■ 58.0095, 59.1458,
26.4480

407.1746,
421.4420, 298.6496

■ 42.0596, 42.7305,
16.9303

■ 101.0596,
103.5895, 54.9897

■ 29.3393, 29.6737,
10.0234

■ 128.8904,
132.3868, 74.8509

■ 19.4832, 19.5911,
5.3087

■ 161.4123,
166.0801, 98.9969

■ 12.1260, 12.0981,
2.3676

198.9906,
205.0539, 127.8464

■ 6.9024, 6.8105,
0.7687

241.9906,
249.6926, 161.8179

■ 3.4469, 3.3439,
0.0000

290.7777,

■ 1.3943, 1.3138,

300.3806, 201.3298

0.0000

345.7173,
357.5023, 246.8009

■ 0.2521, 0.1519,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0095, 59.1458,
26.4480

■ 58.0095, 59.1458,
26.4480

■ 54.9669, 55.1002,
19.1462

■ 61.5055, 63.5316,
35.6486

■ 52.3455, 51.3729,
13.6007


■ 65.4757, 68.2614,
46.8694


■ 50.1155, 47.9516,
9.6548


■ 69.9444, 73.3496,
60.2257


■ 48.2398, 44.8192,
7.1214

■ 74.9331, 78.8070,
75.8231


 46.6644, 41.9514,
5.7242

 80.4616, 84.6436,
93.7600

 46.4765, 41.6018,
5.5804

 85.3005, 90.3698,
107.5550

 87.7744, 95.3176,
108.3797

 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



67.0398, 59.1458, 31.8543



58.0095, 59.1458, 26.4480



49.3914, 59.1458, 28.7804

Triad

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



58.0095, 59.1458, 26.4480



41.7817, 59.1458, 87.0236



71.5387, 59.1458, 98.2317

Complementary

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



58.0095, 59.1458, 26.4480



35.5958, 35.2614, 84.2867

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.



63.6426, 59.1458, 121.4401



58.0095, 59.1458, 26.4480



46.6253, 59.1458, 113.8474

Square

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



58.0095, 59.1458, 26.4480



40.6172, 59.1458, 59.4503



54.4605, 59.1458, 127.8113



75.3714, 59.1458, 69.6165

Rectangle

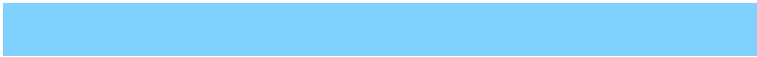
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.0095, 59.1458, 26.4480



44.9427, 59.1458, 34.8434



54.4605, 59.1458, 127.8113



69.2332, 59.1458, 107.2016

Sweetspot

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



58.0109, 59.1486, 26.4492



85.4930, 89.7789, 78.2984



47.8848, 34.0902, 37.8908



18.0364, 18.9264, 15.9462



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.



58.0109, 59.1486, 26.4492



65.6945, 65.9144, 23.1978



62.5850, 76.3926, 29.5365



15.8969, 16.7168, 15.9075



25.7433, 23.1809, 3.1175



2.1099, 1.9971, 0.2743

Inverse Universe

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



35.5958, 35.2614, 84.2867



36.2248, 34.5507, 99.3675



32.5009, 25.1562, 82.4993



14.6487, 15.3838, 19.1195



10.0353, 6.7176, 44.5107



0.8742, 0.6999, 3.5239

Previews

White Background



This preview shows how the XYZ color 58.0095, 59.1458, 26.4480 looks on a white background.

Color Contrast Check

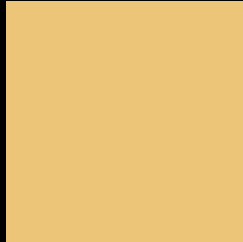
Large Text (above 18pt) WCAG AA × Fail

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 58.0095, 59.1458, 26.4480 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 58.0095, 59.1458, 26.4480

Background



This preview shows how black text looks on a background with the XYZ color 58.0095, 59.1458, 26.4480.



This preview shows how white text looks on a background with the XYZ color 58.0095, 59.1458,

26.4480.

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

58.0095, 59.1458, 26.4480

Protanopia

54.5145, 59.0433, 27.2622

Deuteranopia

60.2390, 58.9575, 26.6174



Tritanopia

65.7392, 59.0380, 63.8078

Trichromacy



Original Color

58.0095, 59.1458, 26.4480

Protanomaly

55.5312, 58.8824, 26.8510

Deuteranomaly

59.4226, 58.8660, 26.6427

Tritanomaly

62.4493, 58.9795, 47.6279

Monochromacy



Original Color

58.0095, 59.1458, 26.4480

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2147, 57.9333, 46.8002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0095, 59.1458, 26.4480 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(236, 197, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 121)  
}
```

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(236, 197, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 121) }
```

Border

The CSS property to change the border of an element to XYZ 58.0095, 59.1458, 26.4480 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(236, 197, 121) }
```


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

```
.border{ border-color:rgb(236, 197, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 121);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0095, 59.1458, 26.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 121) }
```

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

```
.background{ background-color: rgb(236,  
197, 121) }
```

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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