

Converting Colors

XYZ(59.2025, 56.3795, 36.1963)

Have a look what the booklet for
XYZ(59.2025, 56.3795, 36.1963)
contains.

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Color

**XYZ(59.1303, 56.2358,
36.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BB95
RGB	240, 187, 149
RGB Percent	94%, 73%, 58%
CMY	0.0588, 0.2666, 0.4157
CMYK	0.00, 0.22, 0.38, 0.06
HSL	25°, 75%, 76%
HSV	25°, 38%, 94%
XYZ	59.1303, 56.2358, 36.1719
YIQ	198.5150, 43.7860, -0.5820

Conversions

Conversions Part 2

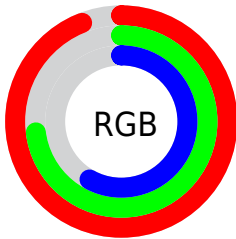
Format	Color
R _Y B	240, 214, 149
Decimal	15776661
CIE Lab	79.75, 14.13, 26.57
CIE LCh	80, 30.090, 61.994
Yxy	56.2358, 0.3902, 0.3711
Android (android.graphics.Color)	4293966741 (0xFFFF0BB95)
YUV	198.5150, -24.4109, 36.3823
Hunter-Lab	74.9905, 9.5144, 23.8947

Details

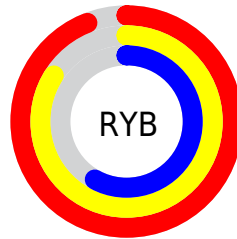
The XYZ color **59.1303, 56.2358, 36.1719** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2424, 54.9200, 90.4433**, and the grayscale version is **54.1166, 56.9349, 62.0021**.

A 20% lighter version of the original color is **84.0701, 89.6730, 69.3776**, and **30.0211, 27.8771, 15.3538** is the 20% darker color. If you saturate the color by 10%, you get **54.5862, 49.9044, 26.1581**, and if you desaturate by 10%, it is **64.3608, 63.3077, 48.3635**.

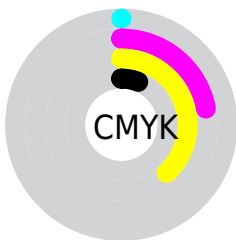
Distribution



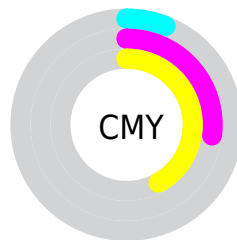
- Red (94%)
- Green (73%)
- Blue (58%)



- Red (94%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (38%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1303, 56.2358, 36.1719 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 59.1303, 56.2358, 36.1719 by changing the saturation by 10% instead.


 59.1303, 56.2358,
36.1719

 59.1303, 56.2358,
36.1719


411.2709,
410.5795, 344.7714

 42.9648, 40.3920,
24.2762


 102.6806, 99.3493,
70.4693

 30.0519, 27.8443,
15.3246


 130.7960,
127.3877, 93.7082

 20.0262, 18.2083,
8.8983


163.6255,
160.2599, 121.5652

 12.5225, 11.0997,
4.5790

201.5344,
198.3501, 154.4589

 7.1753, 6.1339,
1.9481

244.8880,
242.0427, 192.8078

 3.6193, 2.9267,
0.5231

294.0518,

 1.4891, 1.0936,

291.7223, 237.0305

0.0000

349.3909,
347.7731, 287.5455

■ 0.3184, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1303, 56.2358,
36.1719

■ 59.1303, 56.2358,
36.1719

■ 54.5862, 49.9044,
26.1581

■ 64.3608, 63.3077,
48.3635

■ 50.6914, 44.2793,
18.1874

■ 70.3035, 71.1368,
62.8497

■ 47.4118, 39.3351,
12.1151

■ 76.9882, 79.7491,
79.7432

■ 44.7075, 35.0416,
7.7757

■ 84.4414, 89.1669,
99.1480

■ 42.5325, 31.3652,
4.9749

■ 89.7452, 97.2653,
108.6517

■ 40.8273, 28.2658,
3.4476

■ 40.5147, 27.6844,
3.2083

Harmonies

Analogous

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



63.9915, 56.2358, 45.1495



59.1303, 56.2358, 36.1719



53.0448, 56.2358, 33.4946

Triad

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



59.1303, 56.2358, 36.1719



42.5971, 56.2358, 62.4034



59.8870, 56.2358, 94.2437

Complementary

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



59.1303, 56.2358, 36.1719



49.2424, 54.9200, 90.4433

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.



53.8582, 56.2358, 101.1589



59.1303, 56.2358, 36.1719



44.1356, 56.2358, 80.7393

Square

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



59.1303, 56.2358, 36.1719



43.7786, 56.2358, 46.8162



48.1465, 56.2358, 95.8050



64.4511, 56.2358, 78.3376

Rectangle

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



59.1303, 56.2358, 36.1719



49.1906, 56.2358, 35.1369



48.1465, 56.2358, 95.8050



57.9494, 56.2358, 97.8194

Sweetspot

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



59.1317, 56.2385, 36.1730



85.8667, 88.3402, 85.1626



57.3535, 44.2890, 61.4551



18.1526, 18.6175, 17.6541



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.



59.1317, 56.2385, 36.1730



64.0125, 59.2017, 32.9609



70.3342, 78.6434, 39.9072



16.3152, 16.8435, 16.5409



22.3029, 15.4039, 1.7978



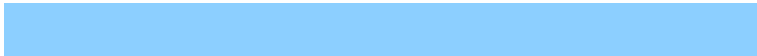
1.9515, 1.4736, 0.1816

Inverse Universe

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



49.2424, 54.9200, 90.4433



51.2386, 57.4797, 103.0019



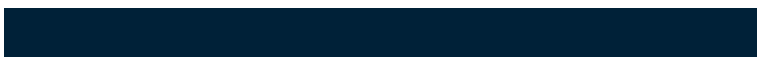
40.1098, 36.6547, 87.3991



15.6620, 16.7582, 20.1308



13.8594, 13.9430, 47.0887



1.2510, 1.3560, 3.9500

Previews

White Background



This preview shows how the XYZ color 59.1303, 56.2358, 36.1719 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 59.1303, 56.2358, 36.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

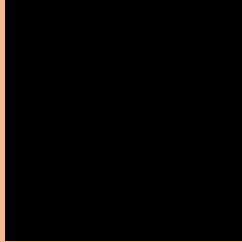
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1303, 56.2358, 36.1719

Background



This preview shows how black text looks on a background with the XYZ color 59.1303, 56.2358, 36.1719.



This preview shows how white text looks on a background with the XYZ color 59.1303, 56.2358,

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

59.1303, 56.2358, 36.1719

Protanopia

52.8908, 56.5701, 38.7033

Deuteranopia

57.3630, 56.2887, 35.8584



Tritanopia

64.0304, 56.4004, 59.1413

Trichromacy



Original Color

59.1303, 56.2358, 36.1719

Protanomaly

55.0835, 56.3802, 37.6850

Deuteranomaly

58.1350, 56.3662, 35.8327

Tritanomaly

61.9315, 56.1360, 49.6907

Monochromacy



Original Color

59.1303, 56.2358, 36.1719

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5872, 56.6626, 51.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1303, 56.2358, 36.1719 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(240, 187, 149)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 149)  
}
```

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(240, 187, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 149) }
```

Border

The CSS property to change the border of an element to XYZ 59.1303, 56.2358, 36.1719 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(240, 187, 149) }
```


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

```
.border{ border-color:rgb(240, 187, 149) }
```

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

Here you see how a box with a 4 pixel rgb(240, 187, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1303, 56.2358, 36.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 149) }
```

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

```
.background{ background-color: rgb(240,  
187, 149) }
```

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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