

Converting Colors

XYZ(59.6293, 59.1959, 24.8113)

Have a look what the booklet for
XYZ(59.6293, 59.1959, 24.8113)
contains.

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Color

**XYZ(59.6296, 59.3459,
24.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C374
RGB	243, 195, 116
RGB Percent	95%, 76%, 45%
CMY	0.0471, 0.2353, 0.5451
CMYK	0.00, 0.20, 0.52, 0.05
HSL	37°, 84%, 70%
HSV	37°, 52%, 95%
XYZ	59.6296, 59.3459, 24.8351
YIQ	200.3460, 53.9670, -14.3930

Conversions

Conversions Part 2

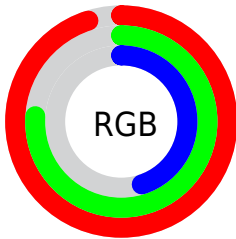
Format	Color
R_{YB}	193, 243, 116
Decimal	15975284
CIE _{Lab}	81.48, 7.86, 45.87
CIE _{LCh}	81, 46.541, 80.283
Yxy	59.3459, 0.4146, 0.4127
Android (android.graphics.Color)	4294165364 (0xFFFF3C374)
YUV	200.3460, -41.5826, 37.4076
Hunter-Lab	77.0363, 3.3536, 34.8114

Details

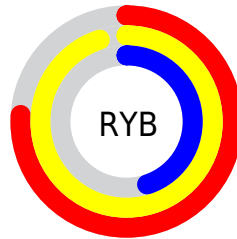
The XYZ color **59.6296, 59.3459, 24.8351** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.6549, 36.7334, 89.9518**, and the grayscale version is **55.3396, 58.2215, 63.4033**.

A 20% lighter version of the original color is **82.8986, 93.1189, 51.1406**, and **30.3943, 29.9180, 9.1738** is the 20% darker color. If you saturate the color by 10%, you get **56.4025, 54.8656, 17.6745**, and if you desaturate by 10%, it is **63.3558, 64.2329, 33.9870**.

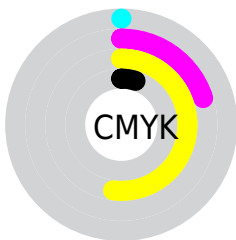
Distribution



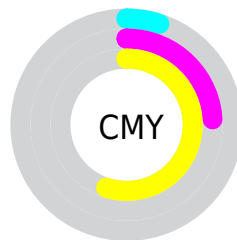
- Red (95%)
- Green (76%)
- Blue (45%)



- Red (76%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6296, 59.3459, 24.8351 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 59.6296, 59.3459, 24.8351 by changing the saturation by 10% instead.


 59.6296, 59.3459,
24.8351


 59.6296, 59.3459,
24.8351


413.0878,
422.1826, 290.4371


 43.3685, 42.8916,
15.7363


 103.4016,
103.8802, 52.3504

 30.3701, 29.8001,
9.1854


 131.6431,
132.7291, 71.6040

 20.2691, 19.6869,
4.7639

 164.6089,
166.4782, 95.0796

 12.7002, 12.1677,
2.0531

202.6641,
205.5121, 123.1958

 7.2980, 6.8580,
0.5876

246.1743,
250.2151, 156.3711

 3.6972, 3.3734,
0.0000

295.5048,

 1.5323, 1.3297,

300.9715, 195.0241

0.0000

351.0208,
358.1659, 239.5732

■ 0.3476, 0.1640,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6296, 59.3459,
24.8351

■ 59.6296, 59.3459,
24.8351

■ 56.4025, 54.8656,
17.6745

■ 63.3558, 64.2329,
33.9870

■ 53.6384, 50.7671,
12.3457


■ 67.6054, 69.5329,
45.2658


■ 51.3025, 47.0351,
8.6701


■ 72.4057, 75.2627,
58.7994


■ 49.3515, 43.6483,
6.4312

■ 77.7810, 81.4352,
74.7044

 48.0557, 41.2421,
5.4277

 83.7536, 88.0627,
93.0894

 89.2301, 94.7110,
108.1859

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



69.2512, 59.3459, 31.4972



59.6296, 59.3459, 24.8351



50.1553, 59.3459, 26.2122

Triad

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



59.6296, 59.3459, 24.8351



40.5886, 59.3459, 85.0694



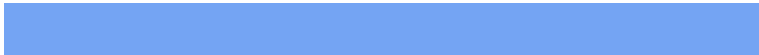
72.0874, 59.3459, 105.3463

Complementary

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



59.6296, 59.3459, 24.8351



36.6549, 36.7334, 89.9518

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.



63.1567, 59.3459, 129.1794



59.6296, 59.3459, 24.8351



45.2572, 59.3459, 115.3281

Square

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



59.6296, 59.3459, 24.8351



39.8755, 59.3459, 55.9742



53.3017, 59.3459, 133.2822



76.9714, 59.3459, 74.1079

Rectangle

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



59.6296, 59.3459, 24.8351



45.1349, 59.3459, 31.7087



53.3017, 59.3459, 133.2822



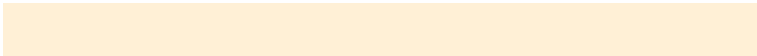
69.4139, 59.3459, 114.8275

Sweetspot

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



59.6310, 59.3487, 24.8363



84.4402, 88.1993, 76.3260



49.9704, 34.2510, 39.4243



17.8082, 18.5737, 15.5509



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.



59.6310, 59.3487, 24.8363



62.6324, 60.7871, 19.1042



67.2559, 81.8857, 28.7845



17.3579, 18.1999, 17.3956



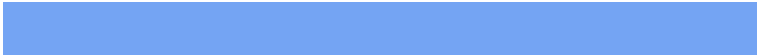
26.5089, 22.9033, 3.0236



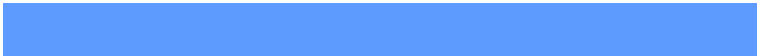
2.4286, 2.2105, 0.2987

Inverse Universe

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



36.6549, 36.7334, 89.9518



34.4335, 33.0810, 99.1782



31.7552, 23.7732, 87.7085



16.0943, 16.9530, 20.9666



11.0908, 7.9754, 47.4929



1.0704, 0.8923, 4.2060

Previews

White Background



This preview shows how the XYZ color 59.6296, 59.3459, 24.8351 looks on a white background.

Color Contrast Check

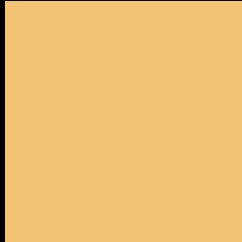
Large Text (above 18pt) WCAG AA × Fail

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 59.6296, 59.3459, 24.8351 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 59.6296, 59.3459, 24.8351

Background



This preview shows how black text looks on a background with the XYZ color 59.6296, 59.3459, 24.8351.



This preview shows how white text looks on a background with the XYZ color 59.6296, 59.3459,

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

59.6296, 59.3459, 24.8351

Protanopia

54.8099, 59.5734, 26.0628

Deuteranopia

60.5801, 59.1750, 24.7520



Tritanopia

67.0821, 59.1454, 61.9134

Trichromacy



Original Color

59.6296, 59.3459, 24.8351

Protanomaly

56.5574, 59.4396, 25.6316

Deuteranomaly

60.4502, 59.4374, 24.8095

Tritanomaly

63.7168, 59.0339, 45.5726

Monochromacy



Original Color

59.6296, 59.3459, 24.8351

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6744, 57.8517, 45.7682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6296, 59.3459, 24.8351 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(243, 195, 116)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 116)  
}
```

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(243, 195, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 116) }
```

Border

The CSS property to change the border of an element to XYZ 59.6296, 59.3459, 24.8351 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(243, 195, 116) }
```


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

```
.border{ border-color:rgb(243, 195, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 116);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6296, 59.3459, 24.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 116) }
```

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

```
.background{ background-color: rgb(243,  
195, 116) }
```

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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