

# Converting Colors

XYZ(59.0335, 57.7325, 24.2517)

Have a look what the booklet for XYZ(59.0335, 57.7325, 24.2517) contains.

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# Color

**XYZ(59.0335, 57.7325,  
24.2517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4BF73
RGB	244, 191, 115
RGB Percent	96%, 75%, 45%
CMY	0.0431, 0.2510, 0.5490
CMYK	0.00, 0.22, 0.53, 0.04
HSL	35°, 85%, 70%
HSV	35°, 53%, 96%
XYZ	59.0335, 57.7325, 24.2517
YIQ	198.1830, 55.9840, -12.4000

# Conversions

## Conversions Part 2

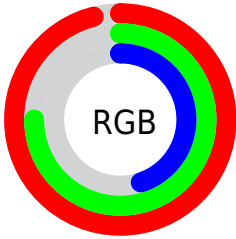
Format	Color
<a href="#">RYB</a>	<a href="#">205, 244, 115</a>
Decimal	<a href="#">16039795</a>
CIELab	<a href="#">80.59, 10.27, 45.30</a>
CIElCh	<a href="#">81, 46.449, 77.230</a>
Yxy	<a href="#">57.7325, 0.4186, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4294229875 (0xFFFF4BF73)</a>
YUV	<a href="#">198.1830, -41.0092, 40.1815</a>
Hunter-Lab	<a href="#">75.9819, 5.7157, 34.2633</a>

# Details

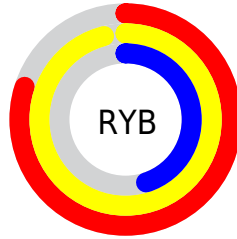
The XYZ color **59.0335, 57.7325, 24.2517** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.4013, 38.1801, 90.9857**, and the grayscale version is **54.0069, 56.8194, 61.8764**.

A 20% lighter version of the original color is **81.5686, 90.6087, 50.2359**, and **30.0215, 28.8614, 8.8390** is the 20% darker color. If you saturate the color by 10%, you get **55.6996, 53.0222, 17.1064**, and if you desaturate by 10%, it is **62.8914, 62.8962, 33.4059**.

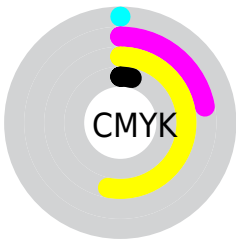
# Distribution



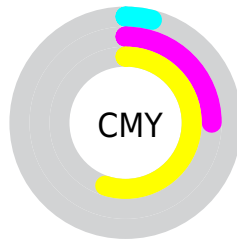
- Red (96%)
- Green (75%)
- Blue (45%)



- Red (80%)
- Yellow (96%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0335, 57.7325, 24.2517 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 59.0335, 57.7325, 24.2517 by changing the saturation by 10% instead.



59.0335, 57.7325,  
24.2517

59.0335, 57.7325,  
24.2517

410.9181,  
416.1884, 287.4180

42.8866, 41.5936,  
15.3065

102.5407,  
101.5332, 51.3896

29.9903, 28.7832,  
8.8858

130.6317,  
129.9639, 70.4194

19.9792, 18.9169,  
4.5710

163.4347,  
163.2605, 93.6478

12.4881, 11.6102,  
1.9435

201.3151,  
201.8077, 121.4934

7.1516, 6.4789,  
0.5202

244.6383,  
245.9896, 154.3746

3.6043, 3.1384,  
0.0000

293.7697,

1.4808, 1.2044,

296.1908, 192.7101

0.0000

349.0745,  
352.7956, 236.9184

■ 0.3127, 0.0653,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.0335, 57.7325,  
24.2517

■ 59.0335, 57.7325,  
24.2517

■ 55.6996, 53.0222,  
17.1064

■ 62.8914, 62.8962,  
33.4059

■ 52.8526, 48.7391,  
11.8075


■ 67.2986, 68.5215,  
44.7072


■ 50.4560, 44.8660,  
8.1727


■ 72.2838, 74.6264,  
58.2857


■ 48.4648, 41.3796,  
5.9797

■ 77.8720, 81.2254,  
74.2599

 47.2454, 39.1077,  
5.0584

 84.0866, 88.3320,  
92.7401

 89.9016, 95.5401,  
108.3105

 91.1180, 97.9730,  
108.7160

# Harmonies

## Analogous

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



68.3133, 57.7325, 31.6150



59.0335, 57.7325, 24.2517



49.6106, 57.7325, 24.8175

# Triad

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



59.0335, 57.7325, 24.2517



39.1341, 57.7325, 79.7638



69.4896, 57.7325, 105.7705

# Complementary

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



59.0335, 57.7325, 24.2517



37.4013, 38.1801, 90.9857

# 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.



60.4950, 57.7325, 127.6713



59.0335, 57.7325, 24.2517



43.3224, 57.7325, 109.9184

# Square

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



59.0335, 57.7325, 24.2517



38.8395, 57.7325, 51.9366



50.9127, 57.7325, 129.3780



74.8044, 57.7325, 75.2186



# Rectangle

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



59.0335, 57.7325, 24.2517



44.4944, 57.7325, 29.5931



50.9127, 57.7325, 129.3780



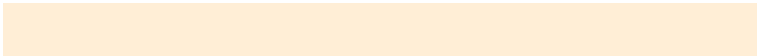
66.7517, 57.7325, 114.7298

# Sweetspot

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



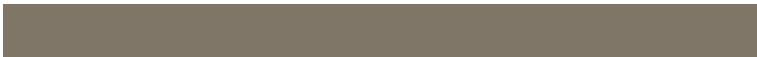
59.0349, 57.7353, 24.2528



84.0474, 87.4137, 76.1951



50.5771, 34.3502, 41.3782



17.7144, 18.3860, 15.5197



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.



59.0349, 57.7353, 24.2528



61.4746, 58.4713, 18.7182



69.1310, 83.3046, 28.6561



17.3107, 18.1055, 17.3799



25.8274, 21.5405, 2.7965



2.3710, 2.0953, 0.2795



# Inverse Universe

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



37.4013, 38.1801, 90.9857



35.3330, 34.8800, 99.4780



31.0277, 23.2104, 88.4322



16.1403, 17.0448, 20.9819



11.4959, 8.7857, 47.6279



1.1089, 0.9693, 4.2189



# Previews

## White Background



This preview shows how the XYZ color 59.0335, 57.7325, 24.2517 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 59.0335, 57.7325, 24.2517 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 59.0335, 57.7325, 24.2517

## Background



This preview shows how black text looks on a background with the XYZ color 59.0335, 57.7325, 24.2517.



This preview shows how white text looks on a background with the XYZ color 59.0335, 57.7325,



# 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

59.0335, 57.7325, 24.2517

### Protanopia

53.1377, 57.6766, 25.4716

### Deuteranopia

59.0335, 57.7325, 24.2517



## Tritanopia

66.1579, 57.4971, 59.2409

# Trichromacy



## Original Color

59.0335, 57.7325, 24.2517

## Protanomaly

55.1720, 57.7108, 25.0610

## Deuteranomaly

59.0335, 57.7325, 24.2517

## Tritanomaly

62.9433, 57.4076, 43.8397

# Monochromacy



## Original Color

59.0335, 57.7325, 24.2517

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

54.6073, 56.3044, 45.0355

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.0335, 57.7325, 24.2517 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(244, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(244, 191, 115)  
}
```

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(244, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 191, 115) }
```

## Border

The CSS property to change the border of an element to XYZ 59.0335, 57.7325, 24.2517 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(244, 191, 115) }
```



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

```
.border{ border-color:rgb(244, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(244, 191,  
115) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.0335, 57.7325, 24.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 191, 115) }
```

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

```
.background{ background-color: rgb(244,  
191, 115) }
```

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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