

Converting Colors

XYZ(65.2942, 59.0467, 75.0394)

Have a look what the booklet for
XYZ(65.2942, 59.0467, 75.0394)
contains.

XYZ(65.2447, 59.1718, 75.0004)	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(65.2447, 59.1718,
75.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBDDB
RGB	235, 189, 219
RGB Percent	92%, 74%, 86%
CMY	0.0784, 0.2588, 0.1412
CMYK	0.00, 0.20, 0.07, 0.08
HSL	321°, 53%, 83%
HSV	321°, 20%, 92%
XYZ	65.2447, 59.1718, 75.0004
YIQ	206.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

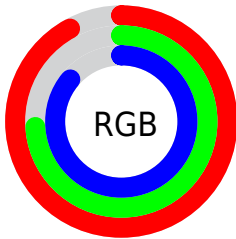
Format	Color
R _Y B	235, 189, 219
Decimal	15449563
CIE Lab	81.39, 21.30, -8.72
CIE LCh	81, 23.018, 337.730
Yxy	59.1718, 0.3272, 0.2967
Android (android.graphics.Color)	4293639643 (0xFFEBBDDDB)
YUV	206.1740, 6.3232, 25.2804
Hunter-Lab	76.9232, 16.7845, -3.9617

Details

The XYZ color **65.2447, 59.1718, 75.0004** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.7163, 74.6448, 68.9160**, and the grayscale version is **58.7318, 61.7905, 67.2898**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **33.9552, 29.5920, 39.0441** is the 20% darker color. If you saturate the color by 10%, you get **59.5439, 49.4497, 67.9206**, and if you desaturate by 10%, it is **71.8208, 70.5582, 82.6341**.

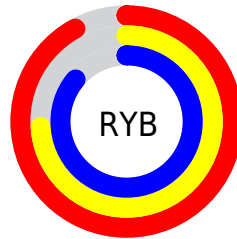
Distribution



Red (92%)

Green (74%)

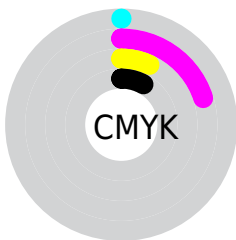
Blue (86%)



Red (92%)

Yellow (74%)

Blue (86%)

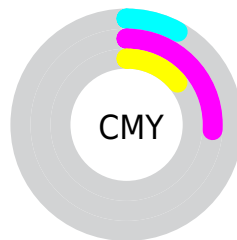


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2447, 59.1718, 75.0004 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 65.2447, 59.1718, 75.0004 by changing the saturation by 10% instead.

 65.2447, 59.1718,
75.0004

 65.2447, 59.1718,
75.0004


433.2021,
421.5383, 497.1744

 47.9250, 42.7514,
55.1115


 111.4653,
103.6273, 128.0600

 33.9785, 29.6901,
39.0918

141.0970,
132.4313, 162.0678

 23.0399, 19.6035,
26.5228


175.5632,
166.1318, 201.6190

 14.7438, 12.1072,
16.9859

215.2295,
205.1135, 247.1321

 8.7249, 6.8167,
10.0626

260.4612,
249.7605, 299.0256

 4.6179, 3.3477,
5.3343

311.6236,

 2.0573, 1.3159,

300.4574, 357.7182

2.3826

369.0822,
357.5885, 423.6282

■ 0.6658, 0.1534,
0.7769

■ 0.0000, 0.0000,
0.0000

■ 65.2447, 59.1718,
75.0004

■ 65.2447, 59.1718,
75.0004

■ 59.5439, 49.4497,
67.9206

■ 71.8208, 70.5582,
82.6341

■ 54.6731, 41.3051,
61.3738

■ 79.3045, 83.6750,
90.8341

■ 50.5907, 34.6550,
55.3431

■ 86.2784, 95.6852,
99.1322

■ 47.2491, 29.4057,
49.8089

■ 87.5445, 96.1916,
105.7990

■ 44.5956, 25.4528,
44.7494

■ 88.0713, 96.4024,
108.5734

■ 42.5698, 22.6772,
40.1406

■ 41.1004, 20.9374,
35.9545

■ 40.0720, 20.0041,
32.1484

■ 40.0322, 19.9707,
31.9922

Harmonies

Analogous

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



62.0948, 59.1718, 87.7389



65.2447, 59.1718, 75.0004



65.9161, 59.1718, 60.9294

Triad

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



65.2447, 59.1718, 75.0004



55.0058, 59.1718, 41.5770



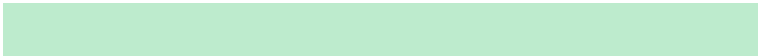
49.2364, 59.1718, 82.0409

Complementary

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



65.2447, 59.1718, 75.0004



61.7163, 74.6448, 68.9160

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.



47.5622, 59.1718, 68.0581



65.2447, 59.1718, 75.0004



50.7672, 59.1718, 45.6615

Square

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



65.2447, 59.1718, 75.0004



59.8206, 59.1718, 42.8867



48.1063, 59.1718, 54.8990



52.8071, 59.1718, 92.1908

Rectangle

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



65.2447, 59.1718, 75.0004



64.8343, 59.1718, 52.8686



48.1063, 59.1718, 54.8990



48.4427, 59.1718, 77.5604

Sweetspot

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



65.2464, 59.1744, 75.0017



89.5167, 90.2856, 102.8867



58.1887, 55.2808, 86.2015



19.0366, 19.1085, 21.8851



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.



65.2464, 59.1744, 75.0017



75.9964, 66.8729, 87.1956



62.5005, 58.0760, 60.5418



15.4793, 15.2196, 17.8095



22.3420, 11.1395, 18.1342



1.7995, 0.8928, 1.6615

Inverse Universe

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



65.2464, 59.1744, 75.0017



75.9964, 66.8729, 87.1956



64.6077, 75.8014, 84.1418



15.4793, 15.2196, 17.8095



22.3420, 11.1395, 18.1342



1.7995, 0.8928, 1.6615

Previews

White Background



This preview shows how the XYZ color 65.2447, 59.1718, 75.0004 looks on a white background.

Color Contrast Check

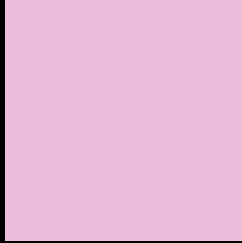
Large Text (above 18pt) WCAG AA × Fail

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 65.2447, 59.1718, 75.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

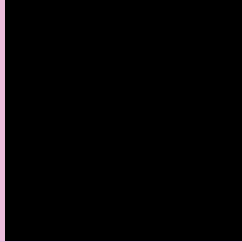
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2447, 59.1718, 75.0004

Background



This preview shows how black text looks on a background with the XYZ color 65.2447, 59.1718, 75.0004.



This preview shows how white text looks on a background with the XYZ color 65.2447, 59.1718,

75.0004.

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

65.2447, 59.1718, 75.0004

Protanopia

58.3050, 59.4615, 81.0773

Deuteranopia

60.6455, 59.4415, 74.6067



Tritanopia

63.3757, 59.0415, 66.4484

Trichromacy



Original Color

65.2447, 59.1718, 75.0004

Protanomaly

60.5722, 59.3114, 78.7768

Deuteranomaly

62.0709, 59.1751, 74.4801

Tritanomaly

64.1030, 59.0225, 69.6419

Monochromacy



Original Color

65.2447, 59.1718, 75.0004

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.0274, 60.7634, 70.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2447, 59.1718, 75.0004 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(235, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 219)  
}
```

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(235, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.2447, 59.1718, 75.0004 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(235, 189, 219) }
```


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

```
.border{ border-color:rgb(235, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2447, 59.1718, 75.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 219) }
```

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

```
.background{ background-color: rgb(235,  
189, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor