

Converting Colors

XYZ(66.6933, 59.9002, 74.1823)

Have a look what the booklet for
XYZ(66.6933, 59.9002, 74.1823)
contains.

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Color

**XYZ(66.7877, 59.9824,
74.3873)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BDDA
RGB	240, 189, 218
RGB Percent	94%, 74%, 85%
CMY	0.0588, 0.2588, 0.1451
CMYK	0.00, 0.21, 0.09, 0.06
HSL	326°, 63%, 84%
HSV	326°, 21%, 94%
XYZ	66.7877, 59.9824, 74.3873
YIQ	207.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

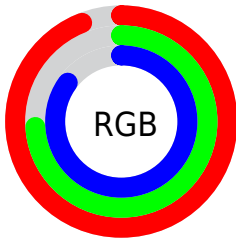
Format	Color
R _Y B	240, 189, 218
Decimal	15777242
CIE Lab	81.83, 22.84, -7.48
CIE LCh	82, 24.036, 341.875
Yxy	59.9824, 0.3320, 0.2982
Android (android.graphics.Color)	4293967322 (0xFF0BDDA)
YUV	207.5550, 5.1494, 28.4543
Hunter-Lab	77.4483, 18.3953, -2.7329

Details

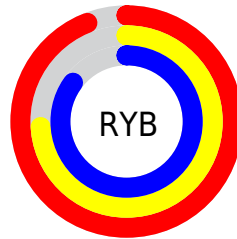
The XYZ color **66.7877, 59.9824, 74.3873** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.9067, 77.8439, 73.2889**, and the grayscale version is **59.6259, 62.7311, 68.3142**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **34.8033, 30.0396, 38.6142** is the 20% darker color. If you saturate the color by 10%, you get **60.7335, 49.9744, 65.8923**, and if you desaturate by 10%, it is **73.7842, 71.7380, 83.6155**.

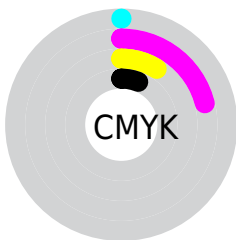
Distribution



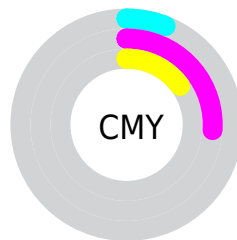
- Red (94%)
- Green (74%)
- Blue (85%)



- Red (94%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7877, 59.9824, 74.3873 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 66.7877, 59.9824, 74.3873 by changing the saturation by 10% instead.

66.7877, 59.9824,
74.3873

66.7877, 59.9824,
74.3873

438.6331,
424.5329, 495.0081

49.1822, 43.4044,
54.6124

113.6676,
104.8041, 127.1838

34.9791, 30.2026,
38.6950

143.6728,
133.8167, 161.0424

23.8133, 19.9924,
26.2165

178.5418,
167.7429, 200.4327

15.3191, 12.3895,
16.7585

218.6401,
206.9672, 245.7733

9.1314, 7.0095,
9.9023

264.3330,
251.8740, 297.4825

4.8848, 3.4681,
5.2295

315.9859,

2.2139, 1.3807,

302.8476, 355.9790

2.3214

373.9642,
360.2724, 421.6814

0.7500, 0.2024,
0.7432

0.0000, 0.0000,
0.0000

66.7877, 59.9824,
74.3873

66.7877, 59.9824,
74.3873

60.7335, 49.9744,
65.8923

73.7842, 71.7380,
83.6155

55.5730, 41.6215,
58.1045

81.7585, 85.3120,
93.5939

51.2607, 34.8345,
51.0017

88.8043, 96.8890,
103.6949

47.7450, 29.5129,
44.5588

89.7456, 97.2655,
108.6518

■ 44.9682, 25.5440,
38.7483

■ 42.8646, 22.7988,
33.5396

■ 41.3552, 21.1225,
28.8977

■ 40.4125, 20.3162,
25.2566

Harmonies

Analogous

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



63.7697, 59.9824, 88.3843



66.7877, 59.9824, 74.3873



67.0939, 59.9824, 59.7322

Triad

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



66.7877, 59.9824, 74.3873



55.0288, 59.9824, 41.6208



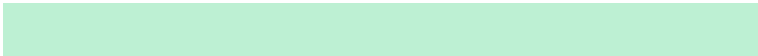
50.0560, 59.9824, 85.7766

Complementary

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



66.7877, 59.9824, 74.3873



63.9067, 77.8439, 73.2889

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.



47.9934, 59.9824, 71.2260



66.7877, 59.9824, 74.3873



50.7484, 59.9824, 46.6488

Square

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



66.7877, 59.9824, 74.3873



60.0984, 59.9824, 42.2070



48.2391, 59.9824, 57.0041



54.0321, 59.9824, 95.6015

Rectangle

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



66.7877, 59.9824, 74.3873



65.6976, 59.9824, 51.6485



48.2391, 59.9824, 57.0041



49.1268, 59.9824, 81.1917

Sweetspot

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



66.7894, 59.9851, 74.3886



89.3172, 90.2058, 101.8361



60.5778, 56.4278, 90.1379



18.9894, 19.0896, 21.6366



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.



66.7894, 59.9851, 74.3886



73.8593, 64.2043, 81.5335



63.7885, 58.7847, 58.5860



16.1494, 15.9095, 18.3428



22.1902, 11.1485, 14.1839



1.8958, 0.9474, 1.4422

Inverse Universe

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



66.7894, 59.9851, 74.3886



73.8593, 64.2043, 81.5335



67.2524, 79.1822, 90.9069



16.1494, 15.9095, 18.3428



22.1902, 11.1485, 14.1839



1.8958, 0.9474, 1.4422

Previews

White Background



This preview shows how the XYZ color 66.7877, 59.9824, 74.3873 looks on a white background.

Color Contrast Check

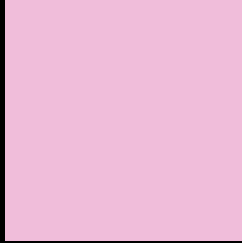
Large Text (above 18pt) WCAG AA × Fail

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 66.7877, 59.9824, 74.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

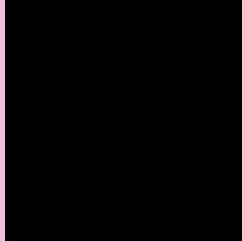
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7877, 59.9824, 74.3873

Background



This preview shows how black text looks on a background with the XYZ color 66.7877, 59.9824, 74.3873.



This preview shows how white text looks on a background with the XYZ color 66.7877, 59.9824,

74.3873.

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

66.7877, 59.9824, 74.3873

Protanopia

58.9354, 60.1496, 80.4553

Deuteranopia

61.5022, 60.2515, 73.3539



Tritanopia

65.0313, 59.8950, 66.5259

Trichromacy



Original Color

66.7877, 59.9824, 74.3873

Protanomaly

61.3099, 59.7073, 78.1053

Deuteranomaly

63.4035, 60.2087, 73.9254

Tritanomaly

65.6429, 59.8308, 69.0615

Monochromacy



Original Color

66.7877, 59.9824, 74.3873

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.2855, 61.7424, 70.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7877, 59.9824, 74.3873 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, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(240, 189, 218)  
}
```

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, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 189, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.7877, 59.9824, 74.3873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

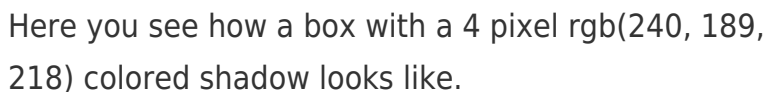
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 189, 218) }
```


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

```
.border{ border-color:rgb(240, 189, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 189, 218); box-shadow:4px 4px 4px 4px rgb(240, 189, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7877, 59.9824, 74.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 189, 218) }
```

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

```
.background{ background-color: rgb(240,  
189, 218) }
```

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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