

Converting Colors

XYZ(66.4983, 60.4824, 74.2485)

Have a look what the booklet for
XYZ(66.4983, 60.4824, 74.2485)
contains.

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Color

**XYZ(66.5456, 60.5007,
74.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBFDA
RGB	238, 191, 218
RGB Percent	93%, 75%, 85%
CMY	0.0667, 0.2510, 0.1451
CMYK	0.00, 0.20, 0.08, 0.07
HSL	326°, 58%, 84%
HSV	326°, 20%, 93%
XYZ	66.5456, 60.5007, 74.5001
YIQ	208.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

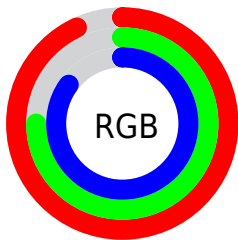
Format	Color
R _Y B	238, 191, 218
Decimal	15646682
CIE Lab	82.11, 21.09, -7.08
CIE LCh	82, 22.251, 341.442
Yxy	60.5007, 0.3302, 0.3002
Android (android.graphics.Color)	4293836762 (0xFFEEBFDA)
YUV	208.1310, 4.8654, 26.1951
Hunter-Lab	77.7822, 16.5946, -2.3407

Details

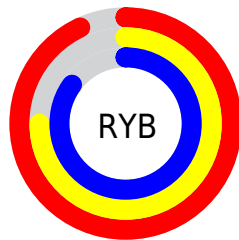
The XYZ color **66.5456, 60.5007, 74.5001** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.8207, 76.9303, 73.1170**, and the grayscale version is **60.0013, 63.1260, 68.7442**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **34.8479, 30.4807, 38.6970** is the 20% darker color. If you saturate the color by 10%, you get **60.4862, 50.4379, 66.1398**, and if you desaturate by 10%, it is **73.5329, 72.2880, 83.5707**.

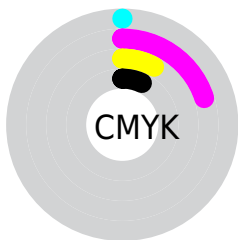
Distribution



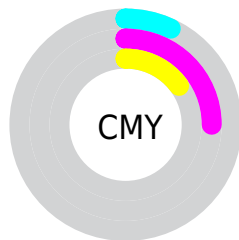
- Red (93%)
- Green (75%)
- Blue (85%)



- Red (93%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5456, 60.5007, 74.5001 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 66.5456, 60.5007, 74.5001 by changing the saturation by 10% instead.


 66.5456, 60.5007,
74.5001

 66.5456, 60.5007,
74.5001


437.7836,
426.4409, 495.4071

 48.9848, 43.8223,
54.7042


 113.3225,
105.5557, 127.3451

 34.8219, 30.5309,
38.7679


143.2692,
134.7010, 161.2312

 23.6916, 20.2419,
26.2728


178.0753,
168.7709, 200.6511

 15.2285, 12.5710,
16.8002

218.1061,
208.1496, 246.0234

 9.0673, 7.1338,
9.9317

263.7270,
253.2215, 297.7667

 4.8425, 3.5459,
5.2487

315.3033,

 2.1890, 1.4229,

304.3712, 356.2993

2.3326

373.2004,
361.9828, 422.0399

0.7369, 0.2335,
0.7494

0.0000, 0.0000,
0.0000

66.5456, 60.5007,
74.5001

66.5456, 60.5007,
74.5001

60.4862, 50.4379,
66.1398

73.5329, 72.2880,
83.5707

55.3072, 42.0096,
58.4650

81.4821, 85.8680,
93.3678

50.9650, 35.1298,
51.4543

88.0237, 96.4987,
103.1089

47.4098, 29.7013,
45.0839

89.0703, 96.9174,
108.6202

■ 44.5862, 25.6160,
39.3274

■ 42.4311, 22.7502,
34.1559

■ 40.8697, 20.9572,
29.5362

■ 39.7802, 19.9958,
25.4193

■ 39.7552, 19.9753,
25.3200

Harmonies

Analogous

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



63.7235, 60.5007, 87.3474



66.5456, 60.5007, 74.5001



66.8676, 60.5007, 60.8515

Triad

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



66.5456, 60.5007, 74.5001



55.7222, 60.5007, 43.5392



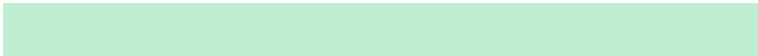
50.9645, 60.5007, 84.6222

Complementary

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



66.5456, 60.5007, 74.5001



63.8207, 76.9303, 73.1170

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.



49.0583, 60.5007, 71.1675



66.5456, 60.5007, 74.5001



51.7031, 60.5007, 48.2459

Square

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



66.5456, 60.5007, 74.5001



60.4418, 60.5007, 44.1760



49.3211, 60.5007, 57.9427



54.6632, 60.5007, 93.7204

Rectangle

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



66.5456, 60.5007, 74.5001



65.6013, 60.5007, 53.2238



49.3211, 60.5007, 57.9427



50.1022, 60.5007, 80.3871

Sweetspot

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



66.5474, 60.5034, 74.5014



89.3311, 90.2114, 101.9093



60.8106, 57.2251, 88.7303



18.9927, 19.0909, 21.6539



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.



66.5474, 60.5034, 74.5014



74.6239, 65.4092, 82.7880



63.7338, 59.3780, 59.6854



16.1534, 15.9111, 18.3640



22.2453, 11.1705, 14.4739



1.9003, 0.9492, 1.4657

Inverse Universe

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



66.5474, 60.5034, 74.5014



74.6239, 65.4092, 82.7880



66.9256, 78.1723, 89.4673



16.1534, 15.9111, 18.3640



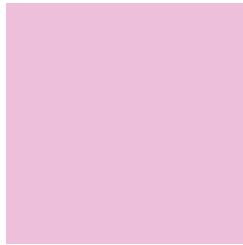
22.2453, 11.1705, 14.4739



1.9003, 0.9492, 1.4657

Previews

White Background



This preview shows how the XYZ color 66.5456, 60.5007, 74.5001 looks on a white background.

Color Contrast Check

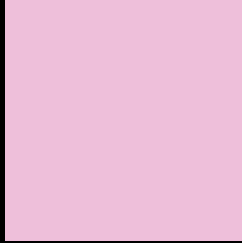
Large Text (above 18pt) WCAG AA × Fail

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 66.5456, 60.5007, 74.5001 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 66.5456, 60.5007, 74.5001

Background



This preview shows how black text looks on a background with the XYZ color 66.5456, 60.5007, 74.5001.



This preview shows how white text looks on a background with the XYZ color 66.5456, 60.5007,

74.5001.

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

66.5456, 60.5007, 74.5001

Protanopia

59.3037, 60.7047, 79.8257

Deuteranopia

61.9319, 60.4580, 74.0510



Tritanopia

65.3802, 60.6985, 67.9446

Trichromacy



Original Color

66.5456, 60.5007, 74.5001

Protanomaly

61.6326, 60.5678, 77.5496

Deuteranomaly

63.4035, 60.2087, 73.9254

Tritanomaly

65.6584, 60.4573, 70.4962

Monochromacy



Original Color

66.5456, 60.5007, 74.5001

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.2176, 62.0546, 70.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5456, 60.5007, 74.5001 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(238, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 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(238, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.5456, 60.5007, 74.5001 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(238, 191, 218) }
```


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

```
.border{ border-color:rgb(238, 191, 218) }
```

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

Here you see how a box with a 4 pixel rgb(238, 191, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(238, 191,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5456, 60.5007, 74.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 218) }
```

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

```
.background{ background-color: rgb(238,  
191, 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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