

Converting Colors

XYZ(67.1998, 59.8355, 86.3022)

Have a look what the booklet for
XYZ(67.1998, 59.8355, 86.3022)
contains.

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Color

**XYZ(67.4539, 60.0555,
86.6339)**

Conversions

Conversions Part 1	
Format	Color
Hex	EBBDEB
RGB	235, 189, 235
RGB Percent	92%, 74%, 92%
CMY	0.0784, 0.2588, 0.0784
CMYK	0.00, 0.20, 0.00, 0.08
HSL	300°, 53%, 83%
HSV	300°, 20%, 92%
XYZ	67.4539, 60.0555, 86.6339
YIQ	207.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

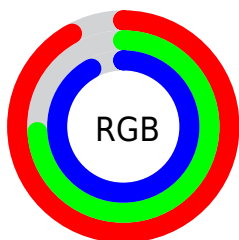
Format	Color
RYB	235, 189, 235
Decimal	15449579
CIELab	81.87, 24.14, -16.59
CIELCh	82, 29.294, 325.509
Yxy	60.0555, 0.3150, 0.2804
Android (android.graphics.Color)	4293639659 (0xFFEBBDEB)
YUV	207.9980, 13.3120, 23.6808
Hunter-Lab	77.4955, 19.7535, -12.0348

Details

The XYZ color **67.4539, 60.0555, 86.6339** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.8822, 73.9113, 59.2575**, and the grayscale version is **59.8652, 62.9828, 68.5883**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **35.3911, 30.1663, 46.6052** is the 20% darker color. If you saturate the color by 10%, you get **62.8034, 50.7535, 85.0843**, and if you desaturate by 10%, it is **72.9270, 71.0007, 88.4591**.

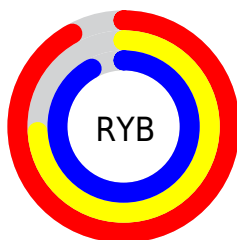
Distribution



Red (92%)

Green (74%)

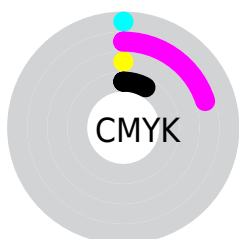
Blue (92%)



Red (92%)

Yellow (74%)

Blue (92%)

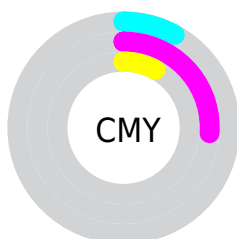


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4539, 60.0555, 86.6339 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 67.4539, 60.0555, 86.6339 by changing the saturation by 10% instead.


 67.4539, 60.0555,
86.6339

 67.4539, 60.0555,
86.6339

440.9658,
424.8023, 537.3041

 49.7256, 43.4634,
64.6344


 114.6168,
104.9102, 144.5481

 35.4124, 30.2489,
46.7152


144.7821,
133.9415, 181.2999

 24.1487, 20.0276,
32.4578


179.8238,
167.8880, 223.8062

 15.5693, 12.4151,
21.4437

220.1073,
207.1341, 272.4855

 9.3088, 7.0270,
13.2544

265.9979,
252.0642, 327.7564

 5.0019, 3.4790,
7.4711


317.8609,


 2.2831, 1.3866,


303.0627, 390.0374


3.6756


376.0618,
360.5139, 459.7471


 0.7860, 0.2068,
1.4491


 0.0000, 0.0000,
0.1796


 67.4539, 60.0555,
86.6339


 67.4539, 60.0555,
86.6339


 62.8034, 50.7535,
85.0843


 72.9270, 71.0007,
88.4591


 58.9307, 43.0081,
83.7933


 79.2541, 83.6548,
90.5682


 55.7950, 36.7367,
82.7479


 85.0170, 95.1807,
92.4893


 53.3495, 31.8459,
81.9327


 85.0171, 95.1807,
92.4894


 51.5423, 28.2315,
81.3302


 85.0171, 95.1807,
92.4895


 50.3140, 25.7749,
80.9206


 85.0171, 95.1807,
92.4896


 49.5940, 24.3348,
80.6805

 85.0171, 95.1807,
92.4898

 49.2677, 23.6824,
80.5717

 85.0172, 95.1807,
92.4899

 49.2568, 23.6606,
80.5680

 85.0172, 95.1807,
92.4900

Harmonies

Analogous

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



62.3568, 60.0555, 101.1946



67.4539, 60.0555, 86.6339



69.7757, 60.0555, 68.0934

Triad

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



67.4539, 60.0555, 86.6339



58.0172, 60.0555, 36.9753



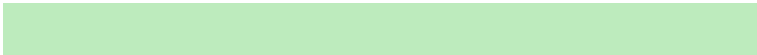
47.0071, 60.0555, 81.1807

Complementary

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



67.4539, 60.0555, 86.6339



59.8822, 73.9113, 59.2575

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.



46.0276, 60.0555, 62.7596



67.4539, 60.0555, 86.6339



52.1114, 60.0555, 39.2178

Square

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



67.4539, 60.0555, 86.6339



64.0832, 60.0555, 41.1451



47.8300, 60.0555, 47.9385



50.6083, 60.0555, 97.6684

Rectangle

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



67.4539, 60.0555, 86.6339



69.3234, 60.0555, 56.7000



47.8300, 60.0555, 47.9385



46.3720, 60.0555, 74.9259

Sweetspot

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



67.4557, 60.0581, 86.6352



90.3618, 90.6237, 107.3372



54.1819, 53.2152, 86.0142



19.2369, 19.1886, 22.9398



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.



67.4557, 60.0581, 86.6352



79.1089, 68.1179, 103.5860



64.3443, 58.8135, 70.2504



15.7149, 15.3138, 19.0498



27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Inverse Universe

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



67.4557, 60.0581, 86.6352



79.1089, 68.1179, 103.5860



62.5804, 74.9906, 73.4659



15.7149, 15.3138, 19.0498



27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Previews

White Background



This preview shows how the XYZ color 67.4539, 60.0555, 86.6339 looks on a white background.

Color Contrast Check

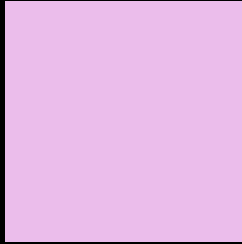
Large Text (above 18pt) WCAG AA × Fail

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 67.4539, 60.0555, 86.6339 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 67.4539, 60.0555, 86.6339

Background



This preview shows how black text looks on a background with the XYZ color 67.4539, 60.0555, 86.6339.



This preview shows how white text looks on a background with the XYZ color 67.4539, 60.0555,

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

67.4539, 60.0555, 86.6339

Protanopia

59.9553, 60.3748, 94.0815

Deuteranopia

61.7097, 60.4317, 85.5028



Tritanopia

63.7554, 60.1759, 68.5764

Trichromacy



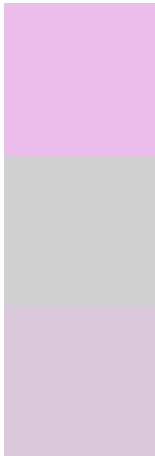
Original Color
67.4539, 60.0555, 86.6339

Protanomaly
62.4218, 59.9850, 91.5074

Deuteranomaly
63.5798, 60.0308, 86.0780

Tritanomaly
64.7832, 59.9170, 74.4804

Monochromacy



Original Color
67.4539, 60.0555, 86.6339

Achromatopsia
59.9535, 63.0757, 68.6895

Achromatomaly
62.4550, 61.7407, 74.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4539, 60.0555, 86.6339 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, 235) looks like.

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

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, 235) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.4539, 60.0555, 86.6339 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, 235) }
```

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

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

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, 235)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.4539, 60.0555, 86.6339 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, 235) }
```

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

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

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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