

Converting Colors

XYZ(67.9564, 60.3008, 87.4494)

Have a look what the booklet for
XYZ(67.9564, 60.3008, 87.4494)
contains.

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Color

**XYZ(67.9300, 60.2842,
87.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBDEC
RGB	236, 189, 236
RGB Percent	93%, 74%, 93%
CMY	0.0745, 0.2588, 0.0745
CMYK	0.00, 0.20, 0.00, 0.07
HSL	300°, 55%, 83%
HSV	300°, 20%, 93%
XYZ	67.9300, 60.2842, 87.4126
YIQ	208.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

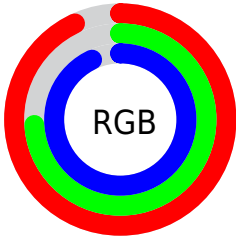
Format	Color
RYB	236, 189, 236
Decimal	15515116
CIELab	81.99, 24.66, -16.93
CIELCh	82, 29.909, 325.528
Yxy	60.2842, 0.3150, 0.2796
Android (android.graphics.Color)	4293705196 (0xFFECBDEC)
YUV	208.4110, 13.6014, 24.1956
Hunter-Lab	77.6429, 20.2951, -12.4003

Details

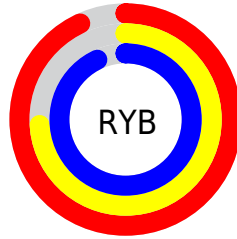
The XYZ color **67.9300, 60.2842, 87.4126** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.1694, 74.4857, 59.3533**, and the grayscale version is **60.1310, 63.2625, 68.8929**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **35.7246, 30.3265, 47.1507** is the 20% darker color. If you saturate the color by 10%, you get **63.2614, 50.9460, 85.8569**, and if you desaturate by 10%, it is **73.4283, 71.2796, 89.2462**.

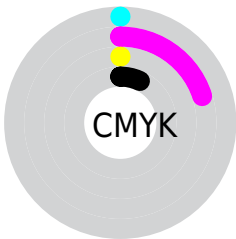
Distribution



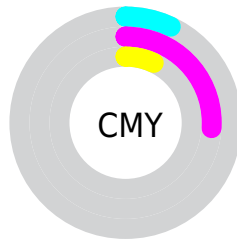
- Red (93%)
- Green (74%)
- Blue (93%)



- Red (93%)
- Yellow (74%)
- Blue (93%)



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




- Cyan (7%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9300, 60.2842, 87.4126 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 67.9300, 60.2842, 87.4126 by changing the saturation by 10% instead.


 67.9300, 60.2842,
87.4126

 67.9300, 60.2842,
87.4126


442.6286,
425.6445, 539.9291

 50.1143, 43.6477,
65.2751


 115.2945,
105.2418, 145.6430

 35.7224, 30.3937,
47.2315


145.5739,
134.3318, 182.5731

 24.3890, 20.1376,
32.8630


180.7386,
168.3417, 225.2711

 15.7487, 12.4951,
21.7513

221.1539,
207.6560, 274.1555

 9.4362, 7.0818,
13.4777

267.1852,
252.6590, 329.6450

 5.0862, 3.5133,
7.6237

319.1979,

 2.3332, 1.4052,

303.7352, 392.1581

3.7708

377.5572,
361.2689, 462.1133

■ 0.8116, 0.2206,
1.5005

■ 0.0000, 0.0000,
0.2183

■ 67.9300, 60.2842,
87.4126

■ 67.9300, 60.2842,
87.4126

■ 63.2614, 50.9460,
85.8569

■ 73.4283, 71.2796,
89.2462

■ 59.3770, 43.1773,
84.5620

■ 79.7878, 83.9988,
91.3662

■ 56.2356, 36.8945,
83.5147

■ 85.4932, 95.4094,
93.2681

■ 53.7897, 32.0027,
82.6993

■ 85.4932, 95.4094,
93.2683

■ 51.9865, 28.3963,
82.0981

■ 85.4932, 95.4094,
93.2684

■ 50.7657, 25.9548,
81.6910

■ 85.4933, 95.4094,
93.2686

■ 50.0555, 24.5345,
81.4541

■ 85.4933, 95.4094,
93.2687

■ 49.7351, 23.8937,
81.3472

■ 85.4933, 95.4094,
93.2689

■ 49.7329, 23.8892,
81.3464

■ 85.4933, 95.4094,
93.2690

Harmonies

Analogous

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



62.7055, 60.2842, 102.3877



67.9300, 60.2842, 87.4126



70.3099, 60.2842, 68.3949

Triad

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



67.9300, 60.2842, 87.4126



58.2526, 60.2842, 36.6587



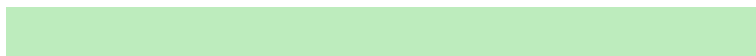
47.0016, 60.2842, 81.8372

Complementary

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



67.9300, 60.2842, 87.4126



60.1694, 74.4857, 59.3533

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.



46.0000, 60.2842, 62.9586



67.9300, 60.2842, 87.4126



52.2113, 60.2842, 38.9405

Square

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



67.9300, 60.2842, 87.4126



64.4674, 60.2842, 40.8912



47.8382, 60.2842, 47.8197



50.6815, 60.2842, 98.7754

Rectangle

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



67.9300, 60.2842, 87.4126



69.8442, 60.2842, 56.7423



47.8382, 60.2842, 47.8197



46.3527, 60.2842, 75.4207

Sweetspot

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



67.9318, 60.2868, 87.4139



90.3618, 90.6237, 107.3372



54.3269, 53.2732, 86.7775



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.



67.9318, 60.2868, 87.4139



78.5372, 66.9746, 103.3953



64.7386, 59.0095, 70.5987



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8390



2.1526, 1.0340, 3.5209

Inverse Universe

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



67.9318, 60.2868, 87.4139



78.5372, 66.9746, 103.3953



62.9308, 75.5902, 73.8944



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8390



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 67.9300, 60.2842, 87.4126 looks on a white background.

Color Contrast Check

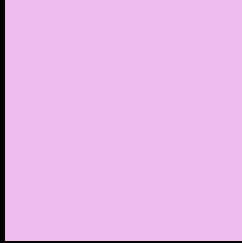
Large Text (above 18pt) WCAG AA × Fail

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 67.9300, 60.2842, 87.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

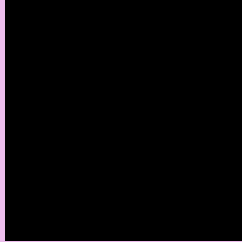
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9300, 60.2842, 87.4126

Background



This preview shows how black text looks on a background with the XYZ color 67.9300, 60.2842, 87.4126.



This preview shows how white text looks on a background with the XYZ color 67.9300, 60.2842,

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

67.9300, 60.2842, 87.4126

Protanopia

60.1076, 60.4357, 94.8835

Deuteranopia

61.8530, 60.4890, 86.2574



Tritanopia

64.0791, 60.3428, 68.5916

Trichromacy



Original Color

67.9300, 60.2842, 87.4126



Protanomaly

62.5716, 60.0449, 92.2964



Deuteranomaly

63.7239, 60.0884, 86.8369



Tritanomaly

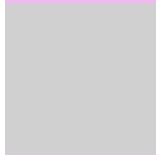
65.2401, 60.1374, 75.1870

Monochromacy



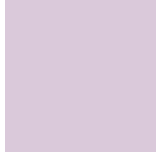
Original Color

67.9300, 60.2842, 87.4126



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 67.9300, 60.2842, 87.4126 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(236, 189, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 236)  
}
```

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(236, 189, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 236) }
```

Border

The CSS property to change the border of an element to XYZ 67.9300, 60.2842, 87.4126 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(236, 189, 236) }
```


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

```
.border{ border-color:rgb(236, 189, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9300, 60.2842, 87.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 236) }
```

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

```
.background{ background-color: rgb(236,  
189, 236) }
```

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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