

Converting Colors

XYZ(66.1370, 53.9475, 89.9726)

Have a look what the booklet for
XYZ(66.1370, 53.9475, 89.9726)
contains.

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Color

**XYZ(66.0367, 53.8274,
90.1283)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFABF1 |
| RGB | 239, 171, 241 |
| RGB Percent | 94%, 67%, 95% |
| CMY | 0.0627, 0.3294, 0.0549 |
| CMYK | 0.01, 0.29, 0.00, 0.05 |
| HSL | 298°, 71%, 81% |
| HSV | 298°, 29%, 95% |
| XYZ | 66.0367, 53.8274, 90.1283 |
| YIQ | 199.3120, 18.0580, 36.1860 |

Conversions

Conversions Part 2

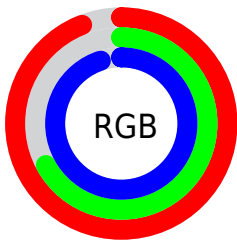
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 171, 241 |
| Decimal | 15707121 |
| CIE Lab | 78.36, 36.12, -25.09 |
| CIE LCh | 78, 43.980, 325.208 |
| Yxy | 53.8274, 0.3145, 0.2563 |
| Android (android.graphics.Color) | 4293897201 (0xFFEFABF1) |
| YUV | 199.3120, 20.5522, 34.8064 |
| Hunter-Lab | 73.3672, 32.2727, -21.4781 |

Details

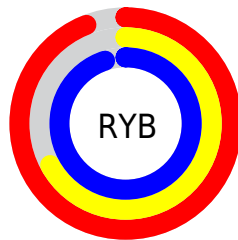
The XYZ color **66.0367, 53.8274, 90.1283** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0414, 74.7364, 50.0026**, and the grayscale version is **54.3489, 57.1792, 62.2682**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **34.5268, 26.4047, 49.1758** is the 20% darker color. If you saturate the color by 10%, you get **61.6615, 45.4203, 88.7370**, and if you desaturate by 10%, it is **71.2461, 63.8994, 91.7986**.

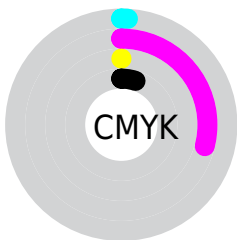
Distribution



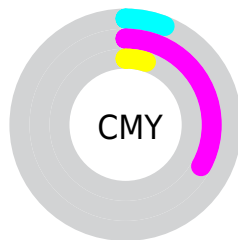
- Red (94%)
- Green (67%)
- Blue (95%)



- Red (94%)
- Yellow (67%)
- Blue (95%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)





- Cyan (6%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0367, 53.8274, 90.1283 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 66.0367, 53.8274, 90.1283 by changing the saturation by 10% instead.


 66.0367, 53.8274,
90.1283

 66.0367, 53.8274,
90.1283


435.9947,
401.4515, 549.0290

 48.5700, 38.4637,
67.5127


 112.5964, 95.8208,
149.4537

 34.4916, 26.3428,
49.0372


142.4202,
123.2192, 187.0006

 23.4362, 17.0802,
34.2832


177.0937,
155.3980, 230.3617

 15.0384, 10.2917,
22.8321

216.9823,
192.7416, 279.9555

 8.9328, 5.5928,
14.2655

262.4513,
235.6344, 336.2006

 4.7542, 2.5991,
8.1647

313.8662,

 2.1370, 0.9262,

284.4607, 399.5155

4.1112

371.5922,
339.6049, 470.3188

■ 0.7092, 0.0000,
1.6866

■ 0.0000, 0.0000,
0.3515

■ 66.0367, 53.8274,
90.1283

■ 66.0367, 53.8274,
90.1283

■ 61.6615, 45.4203,
88.7370

■ 71.2461, 63.8994,
91.7986

■ 58.0702, 38.5808,
87.6061

■ 77.3263, 75.7128,
93.7584

■ 55.2151, 33.2124,
86.7203

■ 84.3179, 89.3477,
96.0217

■ 53.0412, 29.2050,
86.0614

■ 88.1713, 96.7049,
97.2387

51.4857, 26.4331,
85.6084

88.4077, 96.8268,
97.2497

50.4742, 24.7480,
85.3364

88.6451, 96.9491,
97.2608

49.8941, 23.9244,
85.2080

88.8833, 97.0719,
97.2720

49.8475, 23.8632,
85.1987

89.1224, 97.1952,
97.2832

89.3623, 97.3189,
97.2944

Harmonies

Analogous

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



58.5602, 53.8274, 112.9885



66.0367, 53.8274, 90.1283



69.5456, 53.8274, 62.6701

Triad

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



66.0367, 53.8274, 90.1283



52.5604, 53.8274, 22.8580



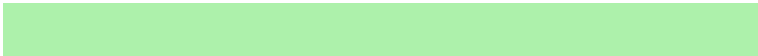
37.5667, 53.8274, 81.2723

Complementary

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



66.0367, 53.8274, 90.1283



56.0414, 74.7364, 50.0026

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.



36.3411, 53.8274, 54.7271



66.0367, 53.8274, 90.1283



44.4135, 53.8274, 25.2653

Square

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



66.0367, 53.8274, 90.1283



61.2275, 53.8274, 27.5997



38.7065, 53.8274, 35.4562



42.2637, 53.8274, 106.9487

Rectangle

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



66.0367, 53.8274, 90.1283



68.9056, 53.8274, 47.0040



38.7065, 53.8274, 35.4562



36.7592, 53.8274, 71.9821

Sweetspot

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



66.0384, 53.8298, 90.1295



87.9199, 86.0973, 106.5923



47.6816, 45.0266, 89.3978



18.5889, 17.9816, 22.7410



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.



66.0384, 53.8298, 90.1295



71.9491, 55.1813, 101.4667



62.2665, 52.3994, 66.7240



16.4070, 16.0071, 19.9465



27.0517, 12.9510, 46.2019



2.2644, 1.0846, 3.8442

Inverse Universe

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



58.3831, 50.8461, 46.2746



61.9266, 51.2800, 43.8263



59.1109, 75.9135, 68.4567



15.7911, 15.7662, 16.4562



19.7002, 10.1525, 1.0719



1.6453, 0.8471, 0.1228

Previews

White Background



This preview shows how the XYZ color 66.0367, 53.8274, 90.1283 looks on a white background.

Color Contrast Check

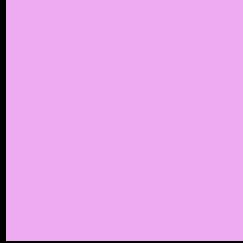
Large Text (above 18pt) WCAG AA × Fail

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 66.0367, 53.8274, 90.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

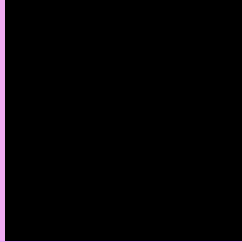
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0367, 53.8274, 90.1283

Background



This preview shows how black text looks on a background with the XYZ color 66.0367, 53.8274, 90.1283.



This preview shows how white text looks on a background with the XYZ color 66.0367, 53.8274,

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

66.0367, 53.8274, 90.1283

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.1854, 54.0177, 87.6386



Tritanopia

59.6631, 53.8612, 58.2906

Trichromacy



Original Color

66.0367, 53.8274, 90.1283



Protanomaly

58.2152, 53.4625, 97.6935



Deuteranomaly

58.3785, 53.4499, 88.1289



Tritanomaly

61.7410, 53.8096, 68.7602

Monochromacy



Original Color

66.0367, 53.8274, 90.1283



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.0668, 55.5464, 71.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0367, 53.8274, 90.1283 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(239, 171, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 241)  
}
```

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(239, 171, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 241) }
```

Border

The CSS property to change the border of an element to XYZ 66.0367, 53.8274, 90.1283 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(239, 171, 241) }
```


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

```
.border{ border-color:rgb(239, 171, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0367, 53.8274, 90.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 241) }
```

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

```
.background{ background-color: rgb(239,  
171, 241) }
```

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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