

Converting Colors

XYZ(65.9650, 60.0156, 91.1958)

Have a look what the booklet for
XYZ(65.9650, 60.0156, 91.1958)
contains.

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Color

**XYZ(66.0909, 60.2189,
91.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C0F1
RGB	226, 192, 241
RGB Percent	89%, 75%, 95%
CMY	0.1137, 0.2470, 0.0549
CMYK	0.06, 0.20, 0.00, 0.05
HSL	282°, 64%, 85%
HSV	282°, 20%, 95%
XYZ	66.0909, 60.2189, 91.3591
YIQ	207.7520, 4.5350, 22.4470

Conversions

Conversions Part 2

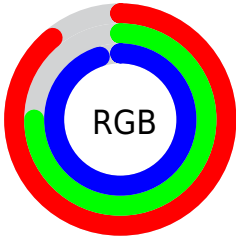
Format	Color
R _Y B	226, 192, 241
Decimal	14860529
CIE Lab	81.96, 20.74, -19.75
CIE LCh	82, 28.635, 316.404
Yxy	60.2189, 0.3036, 0.2767
Android (android.graphics.Color)	4293050609 (0xFFE2C0F1)
YUV	207.7520, 16.3913, 16.0035
Hunter-Lab	77.6008, 16.2230, -15.4813

Details

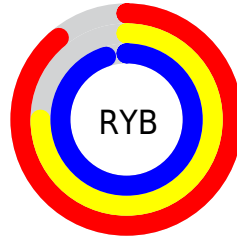
The XYZ color **66.0909, 60.2189, 91.3591** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7038, 79.9832, 61.7947**, and the grayscale version is **59.6905, 62.7990, 68.3881**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **34.4230, 30.2258, 49.9188** is the 20% darker color. If you saturate the color by 10%, you get **58.9629, 49.3229, 89.6326**, and if you desaturate by 10%, it is **74.1885, 72.9041, 93.3817**.

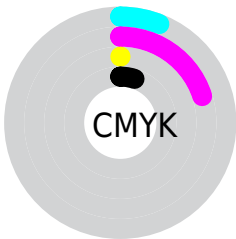
Distribution



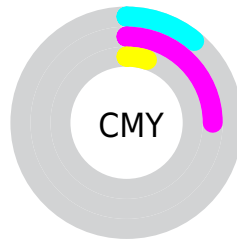
- Red (89%)
- Green (75%)
- Blue (95%)



- Red (89%)
- Yellow (75%)
- Blue (95%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0909, 60.2189, 91.3591 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 66.0909, 60.2189, 91.3591 by changing the saturation by 10% instead.

66.0909, 60.2189,
91.3591

66.0909, 60.2189,
91.3591

436.1854,
425.4042, 553.1259

48.6142, 43.5951,
68.5284

112.6738,
105.1471, 151.1768

34.5268, 30.3523,
49.8583

142.5107,
134.2204, 189.0008

23.4634, 20.1062,
34.9305

177.1983,
168.2122, 232.6597

15.0586, 12.4722,
23.3262

217.1021,
207.5070, 282.5720

8.9471, 7.0661,
14.6270

262.5873,
252.4892, 339.1562

4.7635, 3.5035,
8.4143

314.0194,

2.1425, 1.3999,

303.5432, 402.8309

4.2696

371.7636,
361.0534, 474.0146

■ 0.7122, 0.2167,
1.7744

■ 0.0000, 0.0000,
0.4110

■ 66.0909, 60.2189,
91.3591

■ 66.0909, 60.2189,
91.3591

■ 58.9629, 49.3229,
89.6326

■ 74.1885, 72.9041,
93.3817

■ 52.7558, 40.1237,
88.1841

■ 83.2908, 87.4501,
95.7096

■ 47.4243, 32.5318,
86.9997

■ 90.3967, 97.8521,
97.3429

■ 42.9172, 26.4464,
86.0627

■ 92.8774, 99.1309,
97.4590

■ 39.1773, 21.7552,
85.3543

■ 36.1392, 18.3294,
84.8532

■ 33.7253, 16.0158,
84.5338

■ 31.8611, 14.5909,
84.3570

Harmonies

Analogous

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



60.5884, 60.2189, 103.0468



66.0909, 60.2189, 91.3591



69.3175, 60.2189, 73.7245

Triad

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



66.0909, 60.2189, 91.3591



60.0175, 60.2189, 38.2006



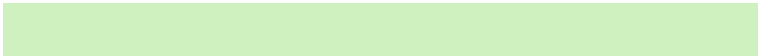
46.7762, 60.2189, 75.4450

Complementary

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



66.0909, 60.2189, 91.3591



66.7038, 79.9832, 61.7947

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.



46.6472, 60.2189, 58.0367



66.0909, 60.2189, 91.3591



54.0101, 60.2189, 38.4965

Square

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



66.0909, 60.2189, 91.3591



65.6477, 60.2189, 44.2592



49.2101, 60.2189, 45.1546



49.5759, 60.2189, 92.8086

Rectangle

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



66.0909, 60.2189, 91.3591



69.6061, 60.2189, 61.9180



49.2101, 60.2189, 45.1546



46.4263, 60.2189, 69.3590

Sweetspot

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



66.0928, 60.2215, 91.3604



88.6596, 89.7462, 107.2576



60.0559, 62.4363, 92.1061



18.8334, 18.9806, 22.9209



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.



66.0928, 60.2215, 91.3604



71.9774, 63.5929, 103.0888



69.6949, 62.2297, 84.6959



15.9560, 15.7745, 19.9254



17.4212, 7.9864, 45.7512



1.5502, 0.7164, 3.8108

Inverse Universe

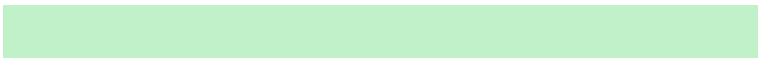
The Inverse Universe completely reimagines the original color for something new.



66.3897, 60.9076, 67.2913



72.4386, 64.5351, 71.2804



63.7363, 78.3348, 67.0116



15.9720, 15.8385, 17.4089



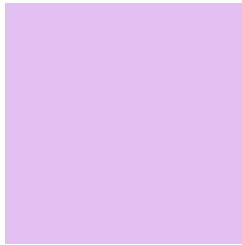
20.3903, 10.4285, 4.7059



1.7390, 0.8847, 0.6166

Previews

White Background



This preview shows how the XYZ color 66.0909, 60.2189, 91.3591 looks on a white background.

Color Contrast Check

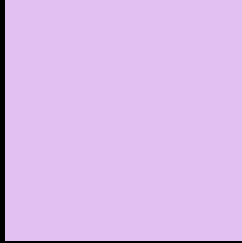
Large Text (above 18pt) WCAG AA × Fail

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 66.0909, 60.2189, 91.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

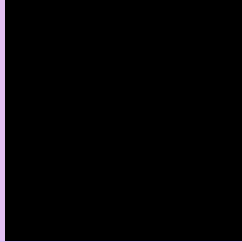
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0909, 60.2189, 91.3591

Background



This preview shows how black text looks on a background with the XYZ color 66.0909, 60.2189, 91.3591.



This preview shows how white text looks on a background with the XYZ color 66.0909, 60.2189,

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

66.0909, 60.2189, 91.3591

Protanopia

60.3119, 60.4877, 97.3035

Deuteranopia

61.6052, 60.2599, 90.8225



Tritanopia

62.1007, 60.2662, 71.3103

Trichromacy



Original Color

66.0909, 60.2189, 91.3591

Protanomaly

62.1291, 60.1026, 94.7126

Deuteranomaly

62.9087, 59.9173, 90.6876

Tritanomaly

63.2658, 60.0459, 78.0676

Monochromacy



Original Color

66.0909, 60.2189, 91.3591

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.0631, 61.8554, 76.3784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0909, 60.2189, 91.3591 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(226, 192, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 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(226, 192, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 241) }
```

Border

The CSS property to change the border of an element to XYZ 66.0909, 60.2189, 91.3591 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(226, 192, 241) }
```


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

```
.border{ border-color:rgb(226, 192, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 241);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0909, 60.2189, 91.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 241) }
```

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

```
.background{ background-color: rgb(226,  
192, 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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