

Converting Colors

XYZ(66.0677, 60.6705, 92.8922)

Have a look what the booklet for
XYZ(66.0677, 60.6705, 92.8922)
contains.

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Color

**XYZ(66.2099, 60.9019,
93.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C2F3
RGB	224, 194, 243
RGB Percent	88%, 76%, 95%
CMY	0.1216, 0.2392, 0.0471
CMYK	0.08, 0.20, 0.00, 0.05
HSL	277°, 67%, 86%
HSV	277°, 20%, 95%
XYZ	66.2099, 60.9019, 93.0596
YIQ	208.5560, 2.1510, 21.5990

Conversions

Conversions Part 2

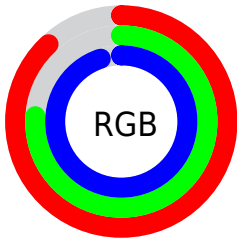
Format	Color
RYB	224, 194, 243
Decimal	14729971
CIELab	82.33, 19.41, -20.27
CIELCh	82, 28.069, 313.760
Yxy	60.9019, 0.3007, 0.2766
Android (android.graphics.Color)	4292920051 (0xFFE0C2F3)
YUV	208.5560, 16.9809, 13.5444
Hunter-Lab	78.0397, 14.8724, -16.0735

Details

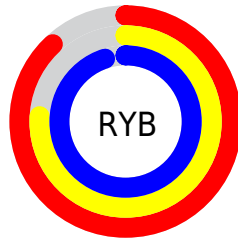
The XYZ color **66.2099, 60.9019, 93.0596** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2308, 82.1439, 63.2483**, and the grayscale version is **60.2089, 63.3444, 68.9821**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.4962, 30.6689, 51.1152** is the 20% darker color. If you saturate the color by 10%, you get **58.3982, 49.4935, 91.2702**, and if you desaturate by 10%, it is **75.0715, 74.1675, 95.1540**.

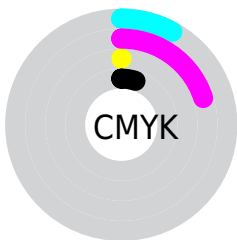
Distribution



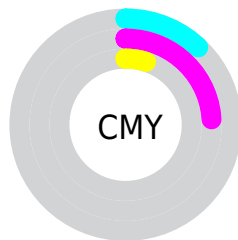
- Red (88%)
- Green (76%)
- Blue (95%)



- Red (88%)
- Yellow (76%)
- Blue (95%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2099, 60.9019, 93.0596 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 66.2099, 60.9019, 93.0596 by changing the saturation by 10% instead.

66.2099, 60.9019,
93.0596

66.2099, 60.9019,
93.0596

436.6040,
427.9142, 558.7590

48.7111, 44.1460,
69.9331

112.8436,
106.1369, 153.5535

34.6040, 30.7853,
50.9955

142.7093,
135.3848, 191.7581

23.5231, 20.4354,
35.8283

177.4279,
169.5654, 235.8257

15.1030, 12.7119,
24.0130

217.3650,
209.0632, 286.1749

8.9785, 7.2305,
15.1310

262.8858,
254.2626, 343.2243

4.7842, 3.6067,
8.7637

314.3556,

2.1546, 1.4561,

305.5480, 407.3925

4.4927

372.1399,
363.3037, 479.0979

■ 0.7187, 0.2575,
1.8993

■ 0.0000, 0.0000,
0.4923

■ 66.2099, 60.9019,
93.0596

■ 66.2099, 60.9019,
93.0596

■ 58.3982, 49.4935,
91.2702

■ 75.0715, 74.1675,
95.1540

■ 51.5852, 39.8472,
89.7674

■ 85.0199, 89.3638,
97.5628

■ 45.7236, 31.8714,
88.5368

■ 92.1807, 98.7371,
98.9947

■ 40.7597, 25.4625,
87.5614

■ 93.1778, 99.2511,
99.0413

■ 36.6339, 20.5053,
86.8220

■ 33.2779, 16.8680,
86.2968

■ 30.6114, 14.3938,
85.9598

■ 28.5309, 12.8394,
85.7694

Harmonies

Analogous

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



60.6643, 60.9019, 103.7257



66.2099, 60.9019, 93.0596



69.6446, 60.9019, 75.9567

Triad

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



66.2099, 60.9019, 93.0596



61.1618, 60.9019, 39.4487



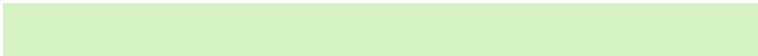
47.4176, 60.9019, 74.4587

Complementary

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



66.2099, 60.9019, 93.0596



69.2308, 82.1439, 63.2483

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.



47.5305, 60.9019, 57.5200



66.2099, 60.9019, 93.0596



55.1928, 60.9019, 39.1882

Square

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



66.2099, 60.9019, 93.0596



66.5957, 60.9019, 46.0398



50.2897, 60.9019, 45.2537



49.9698, 60.9019, 91.8014

Rectangle

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



66.2099, 60.9019, 93.0596



70.1369, 60.9019, 64.1754



50.2897, 60.9019, 45.2537



47.1508, 60.9019, 68.4952

Sweetspot

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



66.2118, 60.9045, 93.0609



88.2127, 89.5158, 107.2367



62.3735, 65.8337, 94.2147



18.7276, 18.9261, 22.9160



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.



66.2118, 60.9045, 93.0609



70.3391, 62.7483, 103.0121



71.7030, 63.8197, 89.5064



16.5552, 16.4288, 20.8411



15.8140, 7.1267, 47.0801



1.5047, 0.6856, 4.1433

Inverse Universe

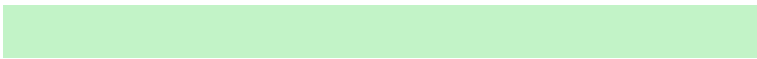
The Inverse Universe completely reimagines the original color for something new.



68.2662, 62.4449, 71.4086



73.0809, 64.7921, 74.6630



64.5980, 79.6909, 65.9519



16.7651, 16.5889, 18.5098



21.4618, 10.9282, 7.1404



1.9350, 0.9800, 0.8843

Previews

White Background



This preview shows how the XYZ color 66.2099, 60.9019, 93.0596 looks on a white background.

Color Contrast Check

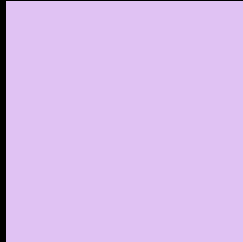
Large Text (above 18pt) WCAG AA × Fail

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 66.2099, 60.9019, 93.0596 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 66.2099, 60.9019, 93.0596

Background



This preview shows how black text looks on a background with the XYZ color 66.2099, 60.9019, 93.0596.



This preview shows how white text looks on a background with the XYZ color 66.2099, 60.9019,

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

66.2099, 60.9019, 93.0596

Protanopia

60.9605, 61.1535, 98.2134

Deuteranopia

62.4134, 60.9848, 92.4861



Tritanopia

62.2044, 60.9688, 72.7796

Trichromacy



Original Color

66.2099, 60.9019, 93.0596

Protanomaly

62.8964, 61.1458, 96.4830

Deuteranomaly

63.6617, 60.9451, 92.4127

Tritanomaly

63.3757, 60.7409, 79.6181

Monochromacy



Original Color

66.2099, 60.9019, 93.0596

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.3756, 62.7023, 77.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2099, 60.9019, 93.0596 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(224, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 243)  
}
```

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(224, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 243) }
```

Border

The CSS property to change the border of an element to XYZ 66.2099, 60.9019, 93.0596 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(224, 194, 243) }
```


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

```
.border{ border-color:rgb(224, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2099, 60.9019, 93.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 243) }
```

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

```
.background{ background-color: rgb(224,  
194, 243) }
```

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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