

Converting Colors

XYZ(66.4074, 61.2568, 90.2927)

Have a look what the booklet for
XYZ(66.4074, 61.2568, 90.2927)
contains.

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Color

**XYZ(66.4591, 61.4310,
90.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C3EF
RGB	226, 195, 239
RGB Percent	89%, 76%, 94%
CMY	0.1137, 0.2353, 0.0627
CMYK	0.05, 0.18, 0.00, 0.06
HSL	282°, 58%, 85%
HSV	282°, 18%, 94%
XYZ	66.4591, 61.4310, 90.0159
YIQ	209.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

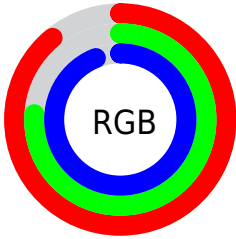
Format	Color
R _Y B	226, 195, 239
Decimal	14861295
CIE Lab	82.61, 18.75, -17.69
CIE LCh	83, 25.775, 316.657
Yxy	61.4310, 0.3050, 0.2819
Android (android.graphics.Color)	4293051375 (0xFFE2C3EF)
YUV	209.2850, 14.6495, 14.6591
Hunter-Lab	78.3779, 14.1944, -13.2291

Details

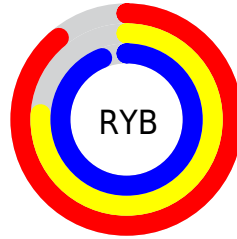
The XYZ color **66.4591, 61.4310, 90.0159** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7315, 79.0846, 63.3806**, and the grayscale version is **60.6973, 63.8583, 69.5417**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.6497, 31.0147, 48.9599** is the 20% darker color. If you saturate the color by 10%, you get **59.3583, 50.4483, 88.2712**, and if you desaturate by 10%, it is **74.5120, 74.1800, 92.0532**.

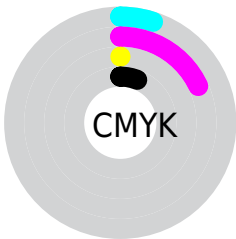
Distribution



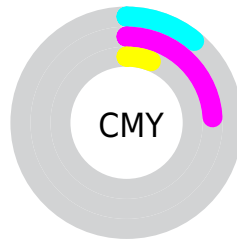
- Red (89%)
- Green (76%)
- Blue (94%)



- Red (89%)
- Yellow (76%)
- Blue (94%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4591, 61.4310, 90.0159 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 66.4591, 61.4310, 90.0159 by changing the saturation by 10% instead.

66.4591, 61.4310,
90.0159

66.4591, 61.4310,
90.0159

437.4798,
429.8525, 548.6540

48.9143, 44.5731,
67.4200

113.1991,
106.9027, 149.2962

34.7657, 31.1213,
48.9623

143.1250,
136.2854, 186.8177

23.6481, 20.6912,
34.2242

177.9086,
170.6117, 230.1515

15.1961, 12.8985,
22.7871

217.9152,
210.2661, 279.7162

9.0444, 7.3587,
14.2326

263.5103,
255.6330, 335.9302

4.8275, 3.6874,
8.1420

315.0592,

2.1801, 1.5003,

307.0968, 399.2122

4.0969

372.9273,
365.0418, 469.9806

■ 0.7322, 0.2889,
1.6786

■ 0.0000, 0.0000,
0.3460

■ 66.4591, 61.4310,
90.0159

■ 66.4591, 61.4310,
90.0159

■ 59.3583, 50.4483,
88.2712

■ 74.5120, 74.1800,
92.0532

■ 53.1620, 41.1422,
86.8015

■ 83.5502, 88.7640,
94.3918

■ 47.8272, 33.4268,
85.5935

■ 89.7639, 97.5602,
95.7622

■ 43.3045, 27.2051,
84.6309

■ 92.3043, 98.8699,
95.8811

■ 39.5393, 22.3695,
83.8960

■ 92.5802, 99.0121,
95.8940

■ 36.4694, 18.7977,
83.3684

■ 34.0219, 16.3452,
83.0240

■ 32.0927, 14.8059,
82.8286

■ 31.8104, 14.5990,
82.8035

Harmonies

Analogous

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



61.4863, 61.4310, 100.4705



66.4591, 61.4310, 90.0159



69.3456, 61.4310, 74.1570

Triad

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



66.4591, 61.4310, 90.0159



60.8742, 61.4310, 41.4396



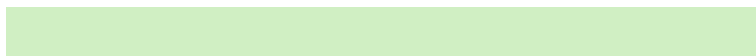
48.7916, 61.4310, 75.9923

Complementary

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



66.4591, 61.4310, 90.0159



66.7315, 79.0846, 63.3806

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.



48.6507, 61.4310, 60.1101



66.4591, 61.4310, 90.0159



55.3962, 61.4310, 41.7714

Square

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



66.4591, 61.4310, 90.0159



65.9867, 61.4310, 47.1135



50.9989, 61.4310, 48.1052



51.3969, 61.4310, 91.5409

Rectangle

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



66.4591, 61.4310, 90.0159



69.5871, 61.4310, 63.4229



50.9989, 61.4310, 48.1052



48.4605, 61.4310, 70.4769

Sweetspot

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



66.4610, 61.4336, 90.0172



88.7182, 89.7763, 107.2604



60.6928, 63.0461, 90.6325



18.8472, 18.9878, 22.9216



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.



66.4610, 61.4336, 90.0172



73.8529, 66.2715, 103.5069



69.4246, 63.1080, 83.5337



15.9730, 15.7833, 19.9262



17.7166, 8.1387, 45.7650



1.5729, 0.7281, 3.8119

Inverse Universe

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



66.4990, 61.9378, 68.1278



73.9674, 66.9916, 73.6432



64.2495, 77.6867, 68.6125



15.9649, 15.8357, 17.3716



20.3432, 10.4097, 4.4578



1.7344, 0.8828, 0.5921

Previews

White Background



This preview shows how the XYZ color 66.4591, 61.4310, 90.0159 looks on a white background.

Color Contrast Check

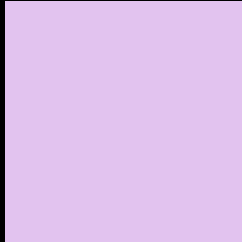
Large Text (above 18pt) WCAG AA × Fail

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 66.4591, 61.4310, 90.0159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

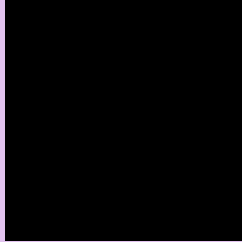
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4591, 61.4310, 90.0159

Background



This preview shows how black text looks on a background with the XYZ color 66.4591, 61.4310, 90.0159.



This preview shows how white text looks on a background with the XYZ color 66.4591, 61.4310,

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

66.4591, 61.4310, 90.0159

Protanopia

61.1003, 61.6486, 95.0652

Deuteranopia

62.8976, 61.6480, 89.4731



Tritanopia

62.8134, 61.2827, 72.8081

Trichromacy



Original Color

66.4591, 61.4310, 90.0159

Protanomaly

63.0767, 61.6542, 93.3700

Deuteranomaly

64.1749, 61.6188, 89.4002

Tritanomaly

64.0801, 61.4580, 79.0062

Monochromacy



Original Color

66.4591, 61.4310, 90.0159

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.5355, 62.8001, 76.5358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4591, 61.4310, 90.0159 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, 195, 239)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 239)  
}
```

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, 195, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 239) }
```

Border

The CSS property to change the border of an element to XYZ 66.4591, 61.4310, 90.0159 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, 195, 239) }
```


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

```
.border{ border-color:rgb(226, 195, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 195, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 195, 239); box-shadow:4px 4px 4px 4px rgb(226, 195, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4591, 61.4310, 90.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 239) }
```

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

```
.background{ background-color: rgb(226,  
195, 239) }
```

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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