

Converting Colors

XYZ(66.7736, 61.5931, 90.0307)

Have a look what the booklet for XYZ(66.7736, 61.5931, 90.0307) contains.

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Color

**XYZ(66.7736, 61.5931,
90.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C3EF
RGB	227, 195, 239
RGB Percent	89%, 76%, 94%
CMY	0.1098, 0.2353, 0.0627
CMYK	0.05, 0.18, 0.00, 0.06
HSL	284°, 58%, 85%
HSV	284°, 18%, 94%
XYZ	66.7736, 61.5931, 90.0307
YIQ	209.5840, 4.9480, 20.4680

Conversions

Conversions Part 2

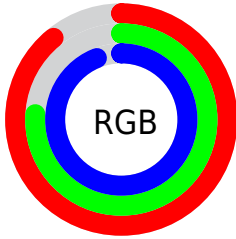
Format	Color
R _Y B	227, 195, 239
Decimal	14926831
CIE Lab	82.70, 19.07, -17.55
CIE LCh	83, 25.918, 317.374
Yxy	61.5931, 0.3057, 0.2820
Android (android.graphics.Color)	4293116911 (0xFFE3C3EF)
YUV	209.5840, 14.5021, 15.2738
Hunter-Lab	78.4813, 14.5295, -13.0783

Details

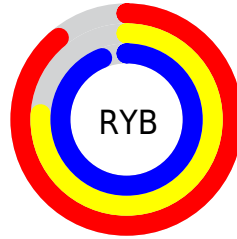
The XYZ color **66.7736, 61.5931, 90.0307** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.4513, 78.9402, 63.3674**, and the grayscale version is **60.8933, 64.0645, 69.7662**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.8667, 31.1266, 48.9701** is the 20% darker color. If you saturate the color by 10%, you get **59.8245, 50.6887, 88.2931**, and if you desaturate by 10%, it is **74.6613, 74.2570, 92.0603**.

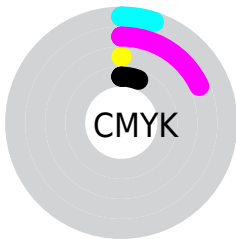
Distribution



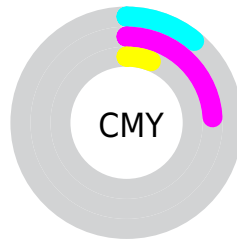
- Red (89%)
- Green (76%)
- Blue (94%)



- 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 66.7736, 61.5931, 90.0307 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 66.7736, 61.5931, 90.0307 by changing the saturation by 10% instead.

66.7736, 61.5931,
90.0307

66.7736, 61.5931,
90.0307

438.5836,
430.4453, 548.7034

49.1707, 44.7040,
67.4322

113.6475,
107.1372, 149.3169

34.9700, 31.2243,
48.9722

143.6493,
136.5610, 186.8418

23.8062, 20.7697,
34.2320

178.5146,
170.9319, 230.1792

15.3139, 12.9558,
22.7931

218.6090,
210.6342, 279.7477

9.1277, 7.3981,
14.2369

264.2977,
256.0522, 335.9658

4.8823, 3.7123,
8.1450

315.9462,

2.2124, 1.5140,

307.5705, 399.2521

4.0988

373.9197,
365.5734, 470.0251

■ 0.7493, 0.2985,
1.6797

■ 0.0000, 0.0000,
0.3468

■ 66.7736, 61.5931,
90.0307

■ 66.7736, 61.5931,
90.0307

■ 59.8245, 50.6887,
88.2931

■ 74.6613, 74.2570,
92.0603

■ 53.7669, 41.4541,
86.8299

■ 83.5209, 88.7489,
94.3906

■ 48.5578, 33.8034,
85.6278

■ 89.5420, 97.4459,
95.7519

■ 44.1482, 27.6400,
84.6705

■ 91.8759, 98.6490,
95.8611

■ 40.4837, 22.8564,
83.9403

■ 92.5802, 99.0121,
95.8941

■ 37.5025, 19.3303,
83.4168

■ 35.1317, 16.9173,
83.0760

■ 33.2676, 15.4116,
82.8837

■ 32.9945, 15.2095,
82.8590

Harmonies

Analogous

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



61.7961, 61.5931, 100.7674



66.7736, 61.5931, 90.0307



69.6167, 61.5931, 73.9880

Triad

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



66.7736, 61.5931, 90.0307



60.9125, 61.5931, 41.3857



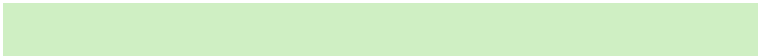
48.9129, 61.5931, 76.6377

Complementary

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



66.7736, 61.5931, 90.0307



66.4513, 78.9402, 63.3674

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.



48.7096, 61.5931, 60.5868



66.7736, 61.5931, 90.0307



55.4050, 61.5931, 41.8639

Square

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



66.7736, 61.5931, 90.0307



66.0915, 61.5931, 46.9492



51.0170, 61.5931, 48.3791



51.5912, 61.5931, 92.2334

Rectangle

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



66.7736, 61.5931, 90.0307



69.8079, 61.5931, 63.2075



51.0170, 61.5931, 48.3791



48.5592, 61.5931, 71.0751

Sweetspot

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



66.7755, 61.5957, 90.0320



88.8432, 89.8408, 107.2662



60.5142, 62.6889, 90.5731



18.8768, 19.0030, 22.9230



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.



66.7755, 61.5957, 90.0320



74.2835, 66.4935, 103.5271



69.3217, 63.0668, 82.9918



16.0094, 15.8021, 19.9279



18.3657, 8.4733, 45.7954



1.6227, 0.7538, 3.8142

Inverse Universe

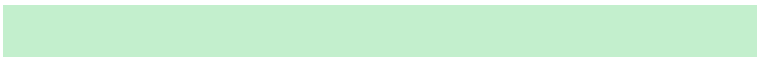
The Inverse Universe completely reimagines the original color for something new.



66.3764, 61.8887, 67.4819



73.8037, 66.9262, 72.7811



64.3376, 77.7220, 69.0763



15.9499, 15.8297, 17.2924



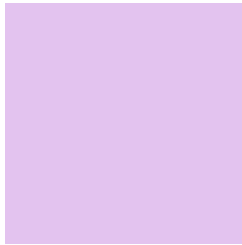
20.2488, 10.3720, 3.9610



1.7249, 0.8790, 0.5420

Previews

White Background



This preview shows how the XYZ color 66.7736, 61.5931, 90.0307 looks on a white background.

Color Contrast Check

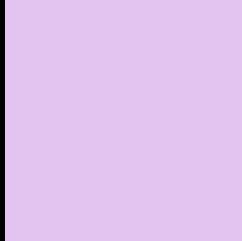
Large Text (above 18pt) WCAG AA × Fail

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 66.7736, 61.5931, 90.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

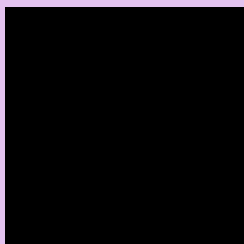
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7736, 61.5931, 90.0307

Background



This preview shows how black text looks on a background with the XYZ color 66.7736, 61.5931, 90.0307.



This preview shows how white text looks on a background with the XYZ color 66.7736, 61.5931,

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

66.7736, 61.5931, 90.0307

Protanopia

61.3630, 61.7841, 95.0775

Deuteranopia

63.1832, 61.7952, 89.4865



Tritanopia

63.1206, 61.4411, 72.8225

Trichromacy



Original Color

66.7736, 61.5931, 90.0307

Protanomaly

63.3588, 61.7997, 93.3832

Deuteranomaly

64.4713, 61.7716, 89.4140

Tritanomaly

64.3891, 61.6173, 79.0207

Monochromacy



Original Color

66.7736, 61.5931, 90.0307

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2014, 63.4820, 77.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7736, 61.5931, 90.0307 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(227, 195, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 195, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 239) }
```

Border

The CSS property to change the border of an element to XYZ 66.7736, 61.5931, 90.0307 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(227, 195, 239) }
```


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

```
.border{ border-color:rgb(227, 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(227, 195, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7736, 61.5931, 90.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 239) }
```

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

```
.background{ background-color: rgb(227,  
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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