

Converting Colors

XYZ(66.4383, 61.1903, 85.2188)

Have a look what the booklet for
XYZ(66.4383, 61.1903, 85.2188)
contains.

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Color

**XYZ(66.6329, 61.2898,
85.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C2E9
RGB	230, 194, 233
RGB Percent	90%, 76%, 91%
CMY	0.0980, 0.2392, 0.0863
CMYK	0.01, 0.17, 0.00, 0.09
HSL	295°, 47%, 84%
HSV	295°, 17%, 91%
XYZ	66.6329, 61.2898, 85.4090
YIQ	209.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

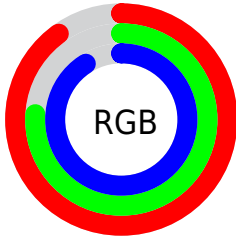
Format	Color
R_{YB}	230, 194, 233
Decimal	15123177
CIE _{Lab}	82.53, 19.46, -14.56
CIE _{LCh}	83, 24.304, 323.187
Yxy	61.2898, 0.3123, 0.2873
Android (android.graphics.Color)	4293313257 (0xFFE6C2E9)
YUV	209.2100, 11.7285, 18.2328
Hunter-Lab	78.2878, 14.9226, -9.8817

Details

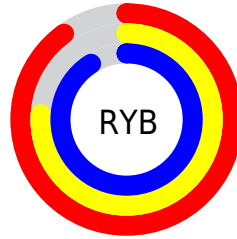
The XYZ color **66.6329, 61.2898, 85.4090** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.9048, 74.0448, 62.0714**, and the grayscale version is **60.6647, 63.8240, 69.5044**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.7695, 30.9292, 45.7323** is the 20% darker color. If you saturate the color by 10%, you get **61.2768, 51.4260, 83.7883**, and if you desaturate by 10%, it is **72.8117, 72.7879, 87.3036**.

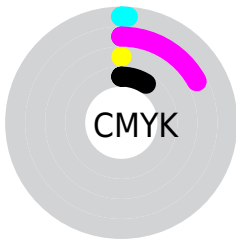
Distribution



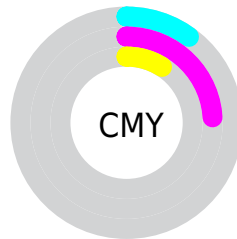
- Red (90%)
- Green (76%)
- Blue (91%)



- Red (90%)
- Yellow (76%)
- Blue (91%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)





- Cyan (10%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6329, 61.2898, 85.4090 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 66.6329, 61.2898, 85.4090 by changing the saturation by 10% instead.


 66.6329, 61.2898,
85.4090

 66.6329, 61.2898,
85.4090


438.0900,
429.3358, 533.1603

 49.0560, 44.4591,
63.6273


 113.4469,
106.6984, 142.8237

 34.8786, 31.0316,
45.9046


143.4147,
136.0451, 179.2938

 23.7354, 20.6229,
31.8224

178.2436,
170.3326, 221.4970

 15.2612, 12.8486,
20.9622

218.2987,
209.9453, 269.8521

 9.0904, 7.3244,
12.9054

263.9456,
255.2676, 324.7773

 4.8578, 3.6658,
7.2335

315.5495,

 2.1979, 1.4884,

306.6838, 386.6915

3.5279

373.4759,
364.5784, 456.0129

■ 0.7417, 0.2806,
1.3701

■ 0.0000, 0.0000,
0.1182

■ 66.6329, 61.2898,
85.4090

■ 66.6329, 61.2898,
85.4090

■ 61.2768, 51.4260,
83.7883

■ 72.8117, 72.7879,
87.3036

■ 56.6999, 43.1131,
82.4250


■ 79.8428, 85.9831,
89.4800


■ 52.8634, 36.2721,
81.3067


■ 84.8542, 95.1299,
90.9813


■ 49.7226, 30.8141,
80.4188


■ 85.4503, 95.4372,
91.0092


 47.2284, 26.6403,
79.7446


 86.0524, 95.7476,
91.0374


 45.3248, 23.6392,
79.2657


 86.6604, 96.0611,
91.0659


 43.9464, 21.6798,
78.9601

 87.2745, 96.3776,
91.0946

 43.0100, 20.5959,
78.8003

 87.8946, 96.6973,
91.1236

 42.7553, 20.3421,
78.7647

 88.5207, 97.0201,
91.1529

Harmonies

Analogous

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



62.2811, 61.2898, 96.6753



66.6329, 61.2898, 85.4090



68.7589, 61.2898, 70.1898

Triad

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



66.6329, 61.2898, 85.4090



59.4485, 61.2898, 42.1440



49.5365, 61.2898, 78.6582

Complementary

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



66.6329, 61.2898, 85.4090



61.9048, 74.0448, 62.0714

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.



48.8777, 61.2898, 63.3939



66.6329, 61.2898, 85.4090



54.4046, 61.2898, 43.7173

Square

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



66.6329, 61.2898, 85.4090



64.4543, 61.2898, 46.3304



50.6089, 61.2898, 51.0016



52.4649, 61.2898, 92.3903

Rectangle

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



66.6329, 61.2898, 85.4090



68.5435, 61.2898, 60.4112



50.6089, 61.2898, 51.0016



49.0497, 61.2898, 73.4836

Sweetspot

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



66.6347, 61.2925, 85.4103



90.7567, 91.9476, 107.5720



56.9819, 57.4017, 85.1681



19.3011, 19.4475, 22.9864



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.



66.6347, 61.2925, 85.4103



79.4542, 70.9292, 104.1108



65.3899, 60.9067, 73.7870



15.5938, 15.2514, 19.0442



24.3079, 11.5671, 44.6945



1.9428, 0.9259, 3.5112

Inverse Universe

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



62.9763, 59.9412, 61.0770



74.2086, 68.9960, 69.0313



63.0533, 74.4144, 72.1787



15.1125, 15.0728, 15.8776



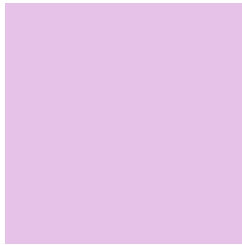
19.1466, 9.8613, 1.3072



1.5198, 0.7809, 0.1889

Previews

White Background



This preview shows how the XYZ color 66.6329, 61.2898, 85.4090 looks on a white background.

Color Contrast Check

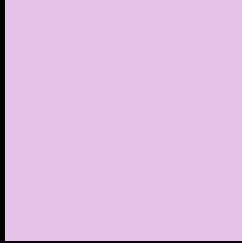
Large Text (above 18pt) WCAG AA × Fail

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 66.6329, 61.2898, 85.4090 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 66.6329, 61.2898, 85.4090

Background



This preview shows how black text looks on a background with the XYZ color 66.6329, 61.2898, 85.4090.



This preview shows how white text looks on a background with the XYZ color 66.6329, 61.2898,

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

66.6329, 61.2898, 85.4090

Protanopia

60.7260, 61.5598, 90.3430

Deuteranopia

62.6603, 61.2809, 84.8698



Tritanopia

63.6550, 61.0675, 71.3830

Trichromacy



Original Color

66.6329, 61.2898, 85.4090

Protanomaly

62.5187, 61.1246, 88.6239

Deuteranomaly

63.9730, 61.2744, 84.7993

Tritanomaly

64.6531, 61.1411, 76.1040

Monochromacy



Original Color

66.6329, 61.2898, 85.4090

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.8630, 62.9994, 75.1765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6329, 61.2898, 85.4090 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(230, 194, 233)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 233)  
}
```

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(230, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 233) }
```

Border

The CSS property to change the border of an element to XYZ 66.6329, 61.2898, 85.4090 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(230, 194, 233) }
```


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

```
.border{ border-color:rgb(230, 194, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6329, 61.2898, 85.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 233) }
```

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

```
.background{ background-color: rgb(230,  
194, 233) }
```

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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