

Converting Colors

XYZ(65.2662, 60.9376, 79.2846)

Have a look what the booklet for
XYZ(65.2662, 60.9376, 79.2846)
contains.

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Color

**XYZ(65.4188, 61.1245,
79.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C3E1
RGB	229, 195, 225
RGB Percent	90%, 76%, 88%
CMY	0.1020, 0.2353, 0.1176
CMYK	0.00, 0.15, 0.02, 0.10
HSL	307°, 40%, 83%
HSV	307°, 15%, 90%
XYZ	65.4188, 61.1245, 79.5844
YIQ	208.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

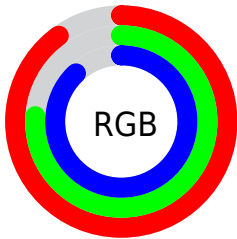
Format	Color
R _Y B	229, 195, 225
Decimal	15057889
CIE Lab	82.45, 17.13, -10.42
CIE LCh	82, 20.048, 328.672
Yxy	61.1245, 0.3174, 0.2965
Android (android.graphics.Color)	4293247969 (0xFFE5C3E1)
YUV	208.5860, 8.0921, 17.9031
Hunter-Lab	78.1822, 12.5408, -5.6259

Details

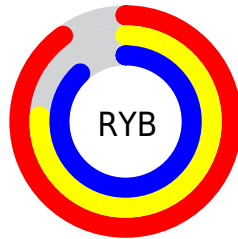
The XYZ color **65.4188, 61.1245, 79.5844** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.8362, 71.7659, 64.6820**, and the grayscale version is **60.2804, 63.4197, 69.0640**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.0142, 30.8363, 42.1895** is the 20% darker color. If you saturate the color by 10%, you get **60.3121, 51.4937, 76.0834**, and if you desaturate by 10%, it is **71.3218, 72.3366, 83.3808**.

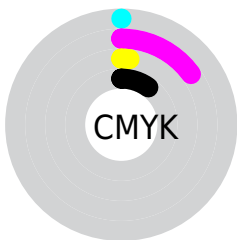
Distribution



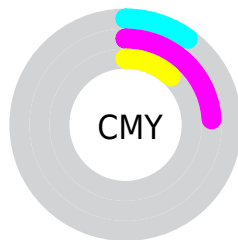
- Red (90%)
- Green (76%)
- Blue (88%)



- Red (90%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4188, 61.1245, 79.5844 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 65.4188, 61.1245, 79.5844 by changing the saturation by 10% instead.


 65.4188, 61.1245,
79.5844

 65.4188, 61.1245,
79.5844


433.8169,
428.7303, 513.2009

 48.0667, 44.3257,
58.8523


 111.7141,
106.4592, 134.5874

 34.0912, 30.9266,
42.0750


141.3880,
135.7638, 169.6953

 23.1269, 20.5430,
28.8340


175.9000,
170.0058, 210.4322

 14.8084, 12.7903,
18.7108

215.6152,
209.5696, 257.2167

 8.7705, 7.2843,
11.2868

260.8992,
254.8395, 310.4673

 4.6477, 3.6405,
6.1435

312.1172,

 2.0747, 1.4746,

306.2000, 370.6025

2.8623

369.6347,
364.0355, 438.0408

■ 0.6754, 0.2707,
1.0248

■ 0.0000, 0.0000,
0.0000

■ 65.4188, 61.1245,
79.5844

■ 65.4188, 61.1245,
79.5844

■ 60.3121, 51.4937,
76.0834

■ 71.3218, 72.3366,
83.3808

■ 55.9604, 43.3649,
72.8620

■ 78.0491, 85.1889,
87.4801

■ 52.3271, 36.6635,
69.9083

■ 82.7936, 94.0663,
90.9472

■ 49.3703, 31.3059,
67.2084

■ 83.1818, 94.2215,
92.9913

47.0435, 27.1995,
64.7466

83.5759, 94.3792,
95.0665

45.2948, 24.2399,
62.5054

83.9759, 94.5392,
97.1729

44.0634, 22.3060,
60.4645

84.3818, 94.7016,
99.3107

43.2752, 21.2495,
58.5991

84.7938, 94.8663,
101.4800

42.9808, 20.9252,
57.6855

85.2117, 95.0335,
103.6809

Harmonies

Analogous

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



62.1382, 61.1245, 89.4641



65.4188, 61.1245, 79.5844



66.7244, 61.1245, 67.1021

Triad

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



65.4188, 61.1245, 79.5844



58.2880, 61.1245, 45.6516



51.1675, 61.1245, 78.5229

Complementary

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



65.4188, 61.1245, 79.5844



60.8362, 71.7659, 64.6820

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.



50.2473, 61.1245, 66.0092



65.4188, 61.1245, 79.5844



54.2349, 61.1245, 47.9329

Square

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



65.4188, 61.1245, 79.5844



62.4845, 61.1245, 48.3733



51.3430, 61.1245, 55.0300



53.9199, 61.1245, 88.8002

Rectangle

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



65.4188, 61.1245, 79.5844



66.2526, 61.1245, 59.2858



51.3430, 61.1245, 55.0300



50.6398, 61.1245, 74.3936

Sweetspot

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



65.4206, 61.1272, 79.5857



91.6893, 93.5868, 106.8295



57.2050, 56.8281, 82.0836



19.4941, 19.7815, 22.7841



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.



65.4206, 61.1272, 79.5857



81.2575, 73.7870, 100.0729



63.2196, 60.2467, 67.9952



14.9182, 14.5845, 17.7699



24.6034, 11.9756, 33.1360



1.8389, 0.8933, 2.5580

Inverse Universe

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



65.4206, 61.1272, 79.5857



81.2575, 73.7870, 100.0729



62.9175, 72.5985, 75.6419



14.9182, 14.5845, 17.7699



24.6034, 11.9756, 33.1360



1.8389, 0.8933, 2.5580

Previews

White Background



This preview shows how the XYZ color 65.4188, 61.1245, 79.5844 looks on a white background.

Color Contrast Check

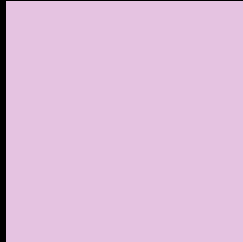
Large Text (above 18pt) WCAG AA × Fail

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 65.4188, 61.1245, 79.5844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

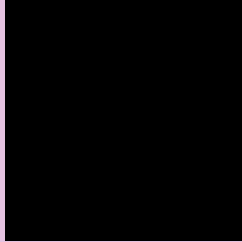
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4188, 61.1245, 79.5844

Background



This preview shows how black text looks on a background with the XYZ color 65.4188, 61.1245, 79.5844.



This preview shows how white text looks on a background with the XYZ color 65.4188, 61.1245,

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

65.4188, 61.1245, 79.5844

Protanopia

60.1041, 61.3728, 84.2796

Deuteranopia

62.7241, 61.4421, 79.0746



Tritanopia

63.6550, 61.0675, 71.3830

Trichromacy



Original Color

65.4188, 61.1245, 79.5844

Protanomaly

61.8935, 61.2793, 82.6947

Deuteranomaly

63.4674, 61.1421, 78.9775

Tritanomaly

64.2592, 60.9836, 74.0298

Monochromacy



Original Color

65.4188, 61.1245, 79.5844

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1775, 62.6910, 73.1134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4188, 61.1245, 79.5844 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(229, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 195, 225)  
}
```

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(229, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 195, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.4188, 61.1245, 79.5844 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(229, 195, 225) }
```


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

```
.border{ border-color:rgb(229, 195, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 195, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 195, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 195,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4188, 61.1245, 79.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 195, 225) }
```

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

```
.background{ background-color: rgb(229,  
195, 225) }
```

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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