

Converting Colors

XYZ(65.0394, 61.3748, 80.5943)

Have a look what the booklet for
XYZ(65.0394, 61.3748, 80.5943)
contains.

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Color

**XYZ(64.8314, 61.1396,
80.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4E2
RGB	226, 196, 226
RGB Percent	89%, 77%, 89%
CMY	0.1137, 0.2314, 0.1137
CMYK	0.00, 0.13, 0.00, 0.11
HSL	300°, 34%, 83%
HSV	300°, 13%, 89%
XYZ	64.8314, 61.1396, 80.3356
YIQ	208.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

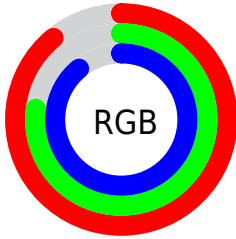
Format	Color
R _Y B	226, 196, 226
Decimal	14861538
CIE _{Lab}	82.45, 15.77, -10.97
CIE _{LCh}	82, 19.209, 325.157
Y _{xy}	61.1396, 0.3142, 0.2964
Android (android.graphics.Color)	4293051618 (0xFFE2C4E2)
Y _{UV}	208.3900, 8.6817, 15.4440
Hunter-Lab	78.1918, 11.1645, -6.1813

Details

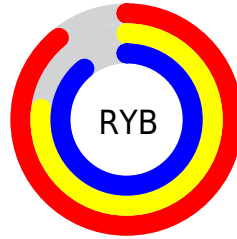
The XYZ color **64.8314, 61.1396, 80.3356** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.9275, 70.1157, 62.6030**, and the grayscale version is **60.1504, 63.2829, 68.9151**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.8183, 30.9442, 42.7185** is the 20% darker color. If you saturate the color by 10%, you get **60.1135, 51.7028, 78.7636**, and if you desaturate by 10%, it is **70.3208, 72.1174, 82.1662**.

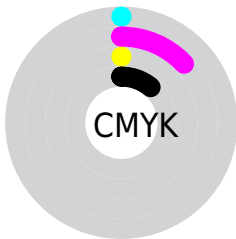
Distribution



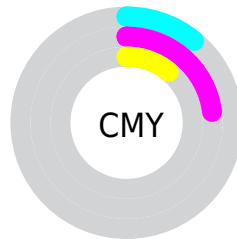
- Red (89%)
- Green (77%)
- Blue (89%)



- Red (89%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8314, 61.1396, 80.3356 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 64.8314, 61.1396, 80.3356 by changing the saturation by 10% instead.

64.8314, 61.1396,
80.3356

64.8314, 61.1396,
80.3356

431.7406,
428.7857, 515.7997

47.5886, 44.3378,
59.4668

110.8745,
106.4810, 135.6531

33.7111, 30.9362,
42.5665

140.4055,
135.7895, 170.9389

22.8336, 20.5503,
29.2162

174.7632,
170.0357, 211.8674

14.5907, 12.7957,
18.9975

214.3130,
209.6039, 258.8572

8.6171, 7.2880,
11.4917

259.4203,
254.8786, 312.3267

4.5474, 3.6429,
6.2803

310.4505,

2.0162, 1.4759,

306.2443, 372.6946

2.9447

367.7688,
364.0851, 440.3794

■ 0.6430, 0.2716,
1.0665

■ 0.0000, 0.0000,
0.0000

■ 64.8314, 61.1396,
80.3356

■ 64.8314, 61.1396,
80.3356

■ 60.1135, 51.7028,
78.7636

■ 70.3208, 72.1174,
82.1662

■ 56.1273, 43.7305,
77.4347

■ 76.6083, 84.6924,
84.2622

■ 52.8380, 37.1518,
76.3382

■ 80.8522, 93.1801,
85.6769

■ 50.2054, 31.8868,
75.4606

■ 80.8522, 93.1801,
85.6770

■ 48.1856, 27.8472,
74.7872

■ 80.8522, 93.1801,
85.6771

■ 46.7291, 24.9342,
74.3016

■ 80.8522, 93.1801,
85.6772

■ 45.7788, 23.0337,
73.9847

■ 80.8522, 93.1801,
85.6773

■ 45.2657, 22.0074,
73.8136

■ 80.8523, 93.1801,
85.6774

■ 45.0919, 21.6600,
73.7556

■ 80.8523, 93.1801,
85.6775

Harmonies

Analogous

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



61.5308, 61.1396, 89.1938



64.8314, 61.1396, 80.3356



66.3344, 61.1396, 68.4971

Triad

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



64.8314, 61.1396, 80.3356



58.7802, 61.1396, 46.4952



51.2573, 61.1396, 76.6472

Complementary

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



64.8314, 61.1396, 80.3356



59.9275, 70.1157, 62.6030

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.



50.5976, 61.1396, 64.6806



64.8314, 61.1396, 80.3356



54.8210, 61.1396, 48.1381

Square

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



64.8314, 61.1396, 80.3356



62.7375, 61.1396, 49.6918



51.8725, 61.1396, 54.4753



53.7184, 61.1396, 86.8947

Rectangle

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



64.8314, 61.1396, 80.3356



66.0657, 61.1396, 60.8348



51.8725, 61.1396, 54.4753



50.8225, 61.1396, 72.6561

Sweetspot

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



64.8332, 61.1422, 80.3369



91.8819, 93.6639, 107.8439



56.2351, 56.7097, 79.9347



19.5431, 19.8010, 23.0419



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.



64.8332, 61.1422, 80.3369



83.3872, 76.6744, 105.0122



62.8639, 60.3545, 69.9665



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9166

Inverse Universe

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



64.8332, 61.1422, 80.3369



83.3872, 76.6744, 105.0122



61.7213, 70.8333, 72.0493



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 64.8314, 61.1396, 80.3356 looks on a white background.

Color Contrast Check

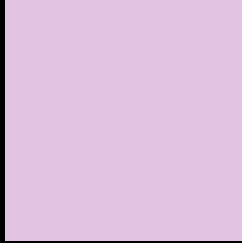
Large Text (above 18pt) WCAG AA × Fail

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 64.8314, 61.1396, 80.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

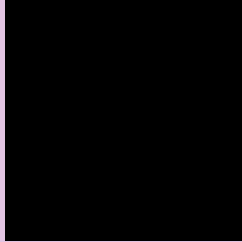
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8314, 61.1396, 80.3356

Background



This preview shows how black text looks on a background with the XYZ color 64.8314, 61.1396, 80.3356.



This preview shows how white text looks on a background with the XYZ color 64.8314, 61.1396,

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

64.8314, 61.1396, 80.3356

Protanopia

60.1041, 61.3728, 84.2796

Deuteranopia

62.5638, 61.3437, 79.7772



Tritanopia

63.0722, 61.0905, 72.0857

Trichromacy



Original Color

64.8314, 61.1396, 80.3356

Protanomaly

61.6078, 61.1321, 82.6813

Deuteranomaly

63.5292, 61.4987, 79.7563

Tritanomaly

63.6725, 61.0020, 74.7483

Monochromacy



Original Color

64.8314, 61.1396, 80.3356

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.8829, 62.5391, 73.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8314, 61.1396, 80.3356 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, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 226)  
}
```

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, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 226) }
```

Border

The CSS property to change the border of an element to XYZ 64.8314, 61.1396, 80.3356 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, 196, 226) }
```


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

```
.border{ border-color:rgb(226, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8314, 61.1396, 80.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 226) }
```

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

```
.background{ background-color: rgb(226,  
196, 226) }
```

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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