

# Converting Colors

XYZ(65.4315, 54.9846, 79.3996)

Have a look what the booklet for  
XYZ(65.4315, 54.9846, 79.3996)  
contains.

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# Color

**XYZ(65.3331, 54.8517,  
79.0955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1AFE2
RGB	241, 175, 226
RGB Percent	95%, 69%, 89%
CMY	0.0549, 0.3137, 0.1137
CMYK	0.00, 0.27, 0.06, 0.05
HSL	314°, 70%, 82%
HSV	314°, 27%, 95%
XYZ	65.3331, 54.8517, 79.0955
YIQ	200.5480, 22.9650, 29.8530

# Conversions

## Conversions Part 2

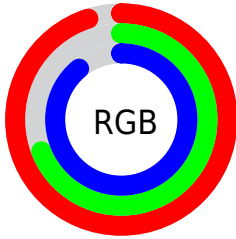
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 175, 226
Decimal	15839202
CIE Lab	78.96, 31.98, -16.07
CIE LCh	79, 35.787, 333.315
Yxy	54.8517, 0.3278, 0.2752
Android (android.graphics.Color)	4294029282 (0xFFF1AFE2)
YUV	200.5480, 12.5478, 35.4764
Hunter-Lab	74.0619, 27.8539, -11.4762

# Details

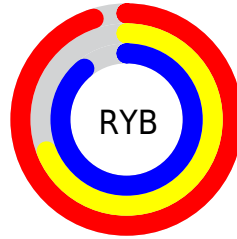
The XYZ color **65.3331, 54.8517, 79.0955** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.4310, 75.7440, 60.2590**, and the grayscale version is **55.1541, 58.0264, 63.1908**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **34.0774, 27.0497, 41.9531** is the 20% darker color. If you saturate the color by 10%, you get **60.3152, 45.9989, 73.7738**, and if you desaturate by 10%, it is **71.2154, 65.3931, 84.8250**.

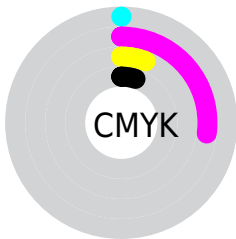
# Distribution



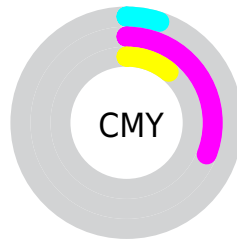
- Red (95%)
- Green (69%)
- Blue (89%)



- Red (95%)
- Yellow (69%)
- Blue (89%)



- Cyan (0%)
- Magenta (27%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3331, 54.8517, 79.0955 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 65.3331, 54.8517, 79.0955 by changing the saturation by 10% instead.



65.3331, 54.8517,  
79.0955

65.3331, 54.8517,  
79.0955

433.5143,  
405.3495, 511.5055

47.9969, 39.2830,  
58.4526

111.5917, 97.3236,  
133.8932

34.0357, 26.9800,  
41.7555

141.2448,  
124.9957, 168.8850

23.0840, 17.5582,  
28.5857

175.7342,  
157.4709, 209.4968

14.7766, 10.6332,  
18.5248

215.4254,  
195.1338, 256.1473

8.7481, 5.8208,  
11.1541

260.6836,  
238.3687, 309.2548

4.6330, 2.7364,  
6.0551

311.8743,

2.0661, 0.9957,

287.5601, 369.2380

2.8093

369.3628,  
343.0922, 436.5154

■ 0.6707, 0.0000,  
0.9981

■ 0.0000, 0.0000,  
0.0000

■ 65.3331, 54.8517,  
79.0955

■ 65.3331, 54.8517,  
79.0955

■ 60.3152, 45.9989,  
73.7738

■ 71.2154, 65.3931,  
84.8250

■ 56.1119, 38.7381,  
68.8404

■ 77.9985, 77.6983,  
90.9738

■ 52.6761, 32.9746,  
64.2792

■ 85.7228, 91.8467,  
97.5570

■ 49.9536, 28.6001,  
60.0709

■ 88.9657, 96.9929,  
102.7680

■ 47.8827, 25.4921,  
56.1938

■ 89.8279, 97.3377,  
107.3081

■ 46.3913, 23.5064,  
52.6228

■ 90.0861, 97.4410,  
108.6677

■ 45.3847, 22.4539,  
49.3251

■ 45.1628, 22.2557,  
48.4946

# Harmonies

## Analogous

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



60.0125, 54.8517, 98.7954



65.3331, 54.8517, 79.0955



67.0137, 54.8517, 57.4878

# Triad

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



65.3331, 54.8517, 79.0955



51.3480, 54.8517, 28.5364



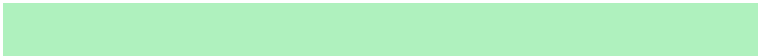
41.5216, 54.8517, 83.9214

# Complementary

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



65.3331, 54.8517, 79.0955



58.4310, 75.7440, 60.2590

# 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.



39.6395, 54.8517, 62.0179



65.3331, 54.8517, 79.0955



44.9787, 54.8517, 32.6098

# Square

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



65.3331, 54.8517, 79.0955



58.5205, 54.8517, 31.1201



40.8458, 54.8517, 43.8059



46.2316, 54.8517, 101.9973



# Rectangle

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



65.3331, 54.8517, 79.0955



65.7289, 54.8517, 45.5254



40.8458, 54.8517, 43.8059



40.5577, 54.8517, 76.6051

# Sweetspot

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



65.3348, 54.8541, 79.0967



88.1463, 87.3728, 102.9602



52.2703, 47.8709, 89.7052



18.6056, 18.2256, 21.8063



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.



65.3348, 54.8541, 79.0967



70.8965, 56.3780, 86.4058



61.3116, 53.2449, 57.9108



16.2916, 15.9663, 19.0916



24.5441, 12.0901, 26.5797



2.0790, 1.0206, 2.4066



# Inverse Universe

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



65.3348, 54.8541, 79.0967



70.8965, 56.3780, 86.4058



62.3616, 77.3162, 80.9568



16.2916, 15.9663, 19.0916



24.5441, 12.0901, 26.5797



2.0790, 1.0206, 2.4066



# Previews

## White Background



This preview shows how the XYZ color 65.3331, 54.8517, 79.0955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

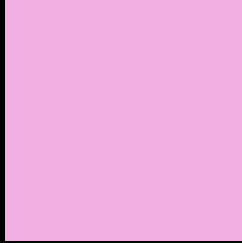
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.3331, 54.8517, 79.0955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

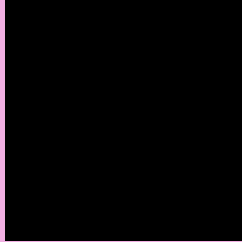
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 65.3331, 54.8517, 79.0955**

## **Background**



This preview shows how black text looks on a background with the XYZ color 65.3331, 54.8517, 79.0955.



This preview shows how white text looks on a background with the XYZ color 65.3331, 54.8517,

79.0955.

# 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

65.3331, 54.8517, 79.0955

### Protanopia

55.1215, 55.2547, 89.4214

### Deuteranopia

56.3072, 55.1459, 77.4885



## Tritanopia

61.2993, 54.9924, 59.0135

# Trichromacy



## Original Color

65.3331, 54.8517, 79.0955



## Protanomaly

58.0752, 54.6030, 85.3204



## Deuteranomaly

59.1224, 54.6787, 77.9590



## Tritanomaly

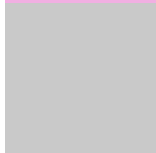
62.5206, 54.8736, 65.6890

# Monochromacy



## Original Color

65.3331, 54.8517, 79.0955



## Achromatopsia

55.5167, 58.4078, 63.6061



## Achromatomaly

58.8014, 56.9513, 68.8663

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.3331, 54.8517, 79.0955 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(241, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 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(241, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 65.3331, 54.8517, 79.0955 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(241, 175, 226) }
```



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

```
.border{ border-color:rgb(241, 175, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
226) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.3331, 54.8517, 79.0955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 226) }
```

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

```
.background{ background-color: rgb(241,  
175, 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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