

# Converting Colors

XYZ(154.0452, 106.8918,  
84.8716)

Have a look what the booklet for  
XYZ(154.0452, 106.8918, 84.8716)  
contains.

<b>XYZ(74.6202, 65.8363, 81.4478)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.6202, 65.8363,  
81.4478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC3E3
RGB	255, 195, 227
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2353, 0.1098
CMYK	0.00, 0.24, 0.11, 0.00
HSL	328°, 100%, 88%
HSV	328°, 24%, 100%
XYZ	74.6202, 65.8363, 81.4478
YIQ	216.5880, 25.4880, 22.6720

# Conversions

## Conversions Part 2

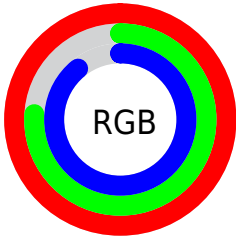
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 195, 227
Decimal	16761827
CIE Lab	84.91, 26.29, -7.57
CIE LCh	85, 27.354, 343.945
Yxy	65.8363, 0.3363, 0.2967
Android (android.graphics.Color)	4294951907 (0xFFFFC3E3)
YUV	216.5880, 5.1331, 33.6873
Hunter-Lab	81.1396, 22.1637, -2.7175

# Details

The XYZ color **74.6202, 65.8363, 81.4478** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.5872, 88.4509, 83.1152**, and the grayscale version is **65.6267, 69.0444, 75.1893**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.2600, 34.0341, 43.4770** is the 20% darker color. If you saturate the color by 10%, you get **67.8010, 54.7361, 71.3494**, and if you desaturate by 10%, it is **82.5317, 78.9387, 92.4722**.

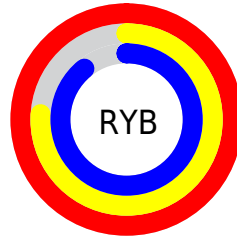
# Distribution



Red (100%)

Green (76%)

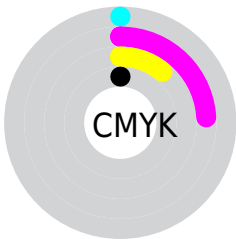
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

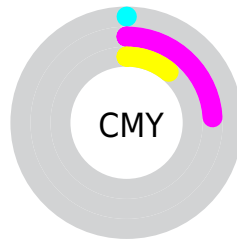


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6202, 65.8363, 81.4478 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 74.6202, 65.8363, 81.4478 by changing the saturation by 10% instead.





 74.6202, 65.8363,  
81.4478

 74.6202, 65.8363,  
81.4478


465.6285,  
445.7912, 519.6336

 55.5949, 48.1395,  
60.3773

 124.7654,  
113.2513, 137.2291

 40.1139, 33.9374,  
43.2955

156.6159,  
143.7384, 172.7770

 27.8120, 22.8455,  
29.7840


193.4723,  
179.2577, 213.9877

 18.3237, 14.4795,  
19.4240

235.6998,  
220.1936, 261.2799

 11.2837, 8.4549,  
11.7971

283.6638,  
266.9305, 315.0720

 6.3267, 4.3874,  
6.4848

337.7297,

 3.0873, 1.8925,

319.8528, 375.7827

3.0686

398.2628,  
379.3449, 443.8303

■ 1.2001, 0.5439,  
1.1297

■ 0.1064, 0.0000,  
0.0000

■ 74.6202, 65.8363,  
81.4478

■ 74.6202, 65.8363,  
81.4478

■ 67.8010, 54.7361,  
71.3494

■ 82.5317, 78.9387,  
92.4722

■ 62.0175, 45.5297,  
62.1443

■ 91.5791, 94.1279,  
104.4455

■ 57.2151, 38.1112,  
53.8036

95.0500, 100.0000,  
108.9000

■ 53.3319, 32.3606,  
46.2947

■ 50.2986, 28.1432,  
39.5821

■ 48.0349, 25.3030,  
33.6262

■ 46.4437, 23.6501,  
28.3811

■ 45.6834, 23.0374,  
25.3288

# Harmonies

## Analogous

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



71.1310, 65.8363, 98.8883



74.6202, 65.8363, 81.4478



74.7468, 65.8363, 63.8413

# Triad

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



74.6202, 65.8363, 81.4478



59.7733, 65.8363, 43.6225



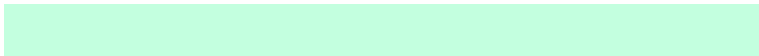
54.4543, 65.8363, 97.8012

# Complementary

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



74.6202, 65.8363, 81.4478



71.5872, 88.4509, 83.1152

# 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.



51.8027, 65.8363, 80.1452



74.6202, 65.8363, 81.4478



54.7350, 65.8363, 49.9922

# Square

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



74.6202, 65.8363, 81.4478



65.8976, 65.8363, 43.8544



51.9020, 65.8363, 62.7344



59.3669, 65.8363, 109.3331



# Rectangle

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



74.6202, 65.8363, 81.4478



72.8890, 65.8363, 54.4137



51.9020, 65.8363, 62.7344



53.2837, 65.8363, 92.2703

# Sweetspot

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



74.6218, 65.8391, 81.4492



88.3052, 88.6103, 100.1778



67.9989, 61.9415, 102.9797



18.7822, 18.7667, 21.2860



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.



74.6218, 65.8391, 81.4492



71.4392, 60.6317, 76.8191



70.8352, 64.3245, 61.5093



18.4143, 18.1490, 20.7990



23.9468, 12.0680, 13.6362



2.3868, 1.1971, 1.6185



# Inverse Universe

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



74.6218, 65.8391, 81.4492



71.4392, 60.6317, 76.8191



75.9969, 90.2148, 106.3364



18.4143, 18.1490, 20.7990



23.9468, 12.0680, 13.6362



2.3868, 1.1971, 1.6185



# Previews

## White Background



This preview shows how the XYZ color 74.6202, 65.8363, 81.4478 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

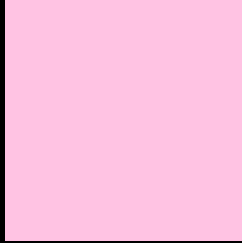
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.6202, 65.8363, 81.4478 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 74.6202, 65.8363, 81.4478**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.6202, 65.8363, 81.4478.



This preview shows how white text looks on a background with the XYZ color 74.6202, 65.8363,

81.4478.

# 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

74.6202, 65.8363, 81.4478

### Protanopia

64.8748, 66.2583, 89.4906

### Deuteranopia

67.3405, 65.9097, 80.4068



## Tritanopia

72.4845, 65.6192, 71.7962

# Trichromacy



## Original Color

74.6202, 65.8363, 81.4478

## Protanomaly

67.9033, 65.7146, 86.1961

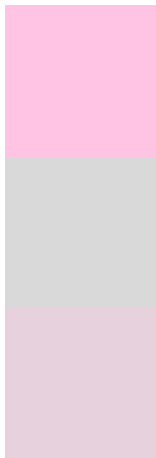
## Deuteranomaly

69.7730, 65.7366, 80.9625

## Tritanomaly

73.2679, 65.6126, 75.1325

# Monochromacy



## Original Color

74.6202, 65.8363, 81.4478

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

68.8066, 67.8103, 77.8688

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.6202, 65.8363, 81.4478 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(255, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 227)  
}
```

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(255, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 227) }
```

## Border

The CSS property to change the border of an element to XYZ 74.6202, 65.8363, 81.4478 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(255, 195, 227) }
```



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

```
.border{ border-color:rgb(255, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
227) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.6202, 65.8363, 81.4478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 227) }
```

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

```
.background{ background-color: rgb(255,  
195, 227) }
```

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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