

Converting Colors

XYZ(74.6413, 66.2093, 80.4346)

Have a look what the booklet for
XYZ(74.6413, 66.2093, 80.4346)
contains.

XYZ(74.5705, 66.1761, 80.0771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.5705, 66.1761,
80.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4E1
RGB	255, 196, 225
RGB Percent	100%, 77%, 88%
CMY	0.0000, 0.2313, 0.1176
CMYK	0.00, 0.23, 0.12, 0.00
HSL	331°, 100%, 88%
HSV	331°, 23%, 100%
XYZ	74.5705, 66.1761, 80.0771
YIQ	216.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

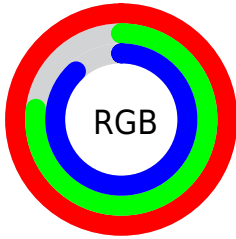
Format	Color
R _Y B	255, 196, 225
Decimal	16762081
CIE Lab	85.09, 25.44, -6.24
CIE LCh	85, 26.193, 346.213
Yxy	66.1761, 0.3377, 0.2997
Android (android.graphics.Color)	4294952161 (0xFFFFC4E1)
YUV	216.9470, 3.9701, 33.3725
Hunter-Lab	81.3487, 21.2667, -1.4191

Details

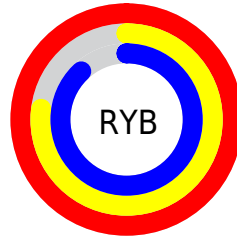
The XYZ color **74.5705, 66.1761, 80.0771** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2547, 88.7478, 85.2768**, and the grayscale version is **65.8797, 69.3106, 75.4792**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **40.2174, 34.2540, 42.5222** is the 20% darker color. If you saturate the color by 10%, you get **67.5978, 54.9548, 69.3546**, and if you desaturate by 10%, it is **82.6582, 79.4117, 91.8358**.

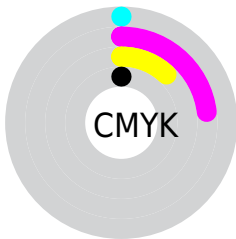
Distribution



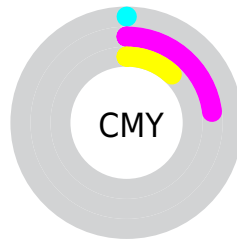
- Red (100%)
- Green (77%)
- Blue (88%)



- Red (100%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5705, 66.1761, 80.0771 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 74.5705, 66.1761, 80.0771 by changing the saturation by 10% instead.

74.5705, 66.1761,
80.0771

74.5705, 66.1761,
80.0771

465.4600,
447.0064, 514.9062

55.5540, 48.4154,
59.2553

124.6954,
113.7390, 135.2865

40.0811, 34.1559,
42.3973

156.5345,
144.3101, 170.5111

27.7863, 23.0134,
29.0846

193.3785,
179.9199, 211.3738

18.3042, 14.6034,
18.8987

235.5928,
220.9531, 258.2930

11.2696, 8.5415,
11.4210

283.5428,
267.7939, 311.6873

6.3171, 4.4434,
6.2331

337.5937,

3.0813, 1.9245,

320.8268, 371.9753

2.9162

398.1110,
380.4362, 439.5754

■ 1.1969, 0.5631,
1.0520

■ 0.1039, 0.0000,
0.0000

■ 74.5705, 66.1761,
80.0771

■ 74.5705, 66.1761,
80.0771

■ 67.5978, 54.9548,
69.3546

■ 82.6582, 79.4117,
91.8358

■ 61.6830, 45.6393,
59.6321

■ 91.9050, 94.7462,
104.6570

■ 56.7708, 38.1239,
50.8769

95.0500, 100.0000,
108.9000

■ 52.7990, 32.2888,
43.0525

■ 49.6976, 27.9996,
36.1193

■ 47.3863, 25.1011,
30.0335

■ 45.7677, 23.4045,
24.7448

■ 44.9629, 22.7491,
21.5343

Harmonies

Analogous

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



71.4478, 66.1761, 96.9532



74.5705, 66.1761, 80.0771



74.4314, 66.1761, 63.3594

Triad

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



74.5705, 66.1761, 80.0771



59.7842, 66.1761, 45.1453



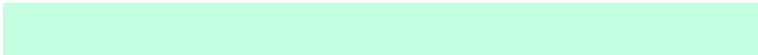
55.3711, 66.1761, 98.1433

Complementary

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



74.5705, 66.1761, 80.0771



72.2547, 88.7478, 85.2768

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.



52.6229, 66.1761, 81.5108



74.5705, 66.1761, 80.0771



55.0598, 66.1761, 51.8314

Square

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



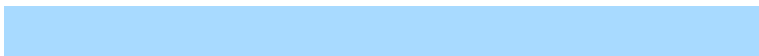
74.5705, 66.1761, 80.0771



65.6406, 66.1761, 44.8852



52.5126, 66.1761, 64.5865



60.2337, 66.1761, 108.4337

Rectangle

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



74.5705, 66.1761, 80.0771



72.5015, 66.1761, 54.5157



52.5126, 66.1761, 64.5865



54.1831, 66.1761, 93.0014

Sweetspot

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



74.5721, 66.1789, 80.0785



88.1904, 88.5644, 99.5735



68.9997, 62.7911, 103.0910



18.7557, 18.7560, 21.1460



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.



74.5721, 66.1789, 80.0785



71.0433, 60.4733, 74.7340



70.9458, 64.7284, 60.9828



18.3815, 18.1359, 20.6263



23.5691, 11.9169, 11.6472



2.3499, 1.1823, 1.4238

Inverse Universe

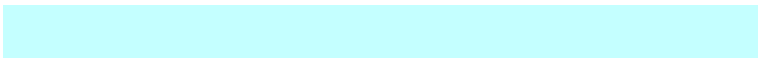
The Inverse Universe completely reimagines the original color for something new.



74.5721, 66.1789, 80.0785



71.0433, 60.4733, 74.7340



76.5765, 90.4766, 108.0355



18.3815, 18.1359, 20.6263



23.5691, 11.9169, 11.6472



2.3499, 1.1823, 1.4238

Previews

White Background



This preview shows how the XYZ color 74.5705, 66.1761, 80.0771 looks on a white background.

Color Contrast Check

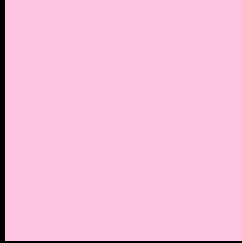
Large Text (above 18pt) WCAG AA × Fail

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 74.5705, 66.1761, 80.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

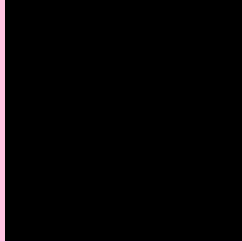
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5705, 66.1761, 80.0771

Background



This preview shows how black text looks on a background with the XYZ color 74.5705, 66.1761, 80.0771.



This preview shows how white text looks on a background with the XYZ color 74.5705, 66.1761,

80.0771.

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

74.5705, 66.1761, 80.0771

Protanopia

64.7239, 66.2307, 87.2144

Deuteranopia

67.7037, 66.1283, 79.0077



Tritanopia

73.0774, 66.2631, 71.8893

Trichromacy



Original Color

74.5705, 66.1761, 80.0771



Protanomaly

67.8591, 66.0809, 84.7796



Deuteranomaly

69.8350, 65.8000, 79.5410



Tritanomaly

73.3637, 66.0131, 74.5208

Monochromacy



Original Color

74.5705, 66.1761, 80.0771



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

68.6737, 67.7572, 77.1691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5705, 66.1761, 80.0771 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, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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(255, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.5705, 66.1761, 80.0771 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, 196, 225) }
```


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

```
.border{ border-color:rgb(255, 196, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5705, 66.1761, 80.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 225) }
```

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

```
.background{ background-color: rgb(255,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor