

Converting Colors

XYZ(75.5230, 65.5045, 88.3376)

Have a look what the booklet for
XYZ(75.5230, 65.5045, 88.3376)
contains.

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Color

**XYZ(75.4503, 65.4561,
88.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1EC
RGB	255, 193, 236
RGB Percent	100%, 76%, 93%
CMY	0.0000, 0.2431, 0.0745
CMYK	0.00, 0.24, 0.07, 0.00
HSL	318°, 100%, 88%
HSV	318°, 24%, 100%
XYZ	75.4503, 65.4561, 88.0145
YIQ	216.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

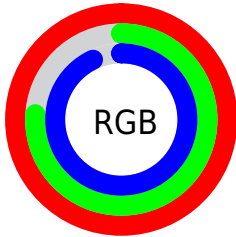
Format	Color
R _Y B	255, 193, 236
Decimal	16761324
CIE Lab	84.72, 28.83, -12.65
CIE LCh	85, 31.485, 336.302
Yxy	65.4561, 0.3296, 0.2859
Android (android.graphics.Color)	4294951404 (0xFFFFC1EC)
YUV	216.4400, 9.6431, 33.8171
Hunter-Lab	80.9049, 24.8818, -7.8667

Details

The XYZ color **75.4503, 65.4561, 88.0145** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.6381, 87.6120, 75.5310**, and the grayscale version is **65.4969, 68.9078, 75.0406**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.7595, 33.7663, 47.5493** is the 20% darker color. If you saturate the color by 10%, you get **69.1811, 54.6950, 80.4455**, and if you desaturate by 10%, it is **82.7440, 78.1861, 96.1719**.

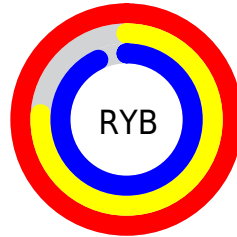
Distribution



Red (100%)

Green (76%)

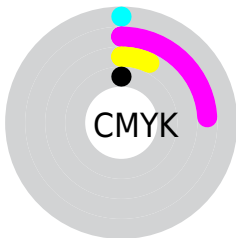
Blue (93%)



Red (100%)

Yellow (76%)

Blue (93%)

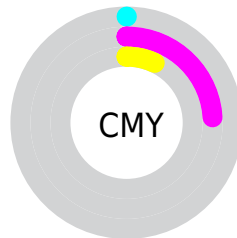


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4503, 65.4561, 88.0145 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 75.4503, 65.4561, 88.0145 by changing the saturation by 10% instead.


 75.4503, 65.4561,
88.0145

 75.4503, 65.4561,
88.0145


468.4372,
444.4292, 541.9533

 56.2773, 47.8310,
65.7707


 125.9341,
112.7053, 146.4887

 40.6632, 33.6931,
47.6310


157.9756,
143.0983, 183.5561

 28.2425, 22.6579,
33.1768

195.0374,
178.5159, 226.4018

 18.6499, 14.3411,
21.9897

237.4848,
219.3427, 275.4443

 11.5201, 8.3583,
13.6511

285.6831,
265.9631, 331.1021

 6.4877, 4.3251,
7.7424

339.9977,

 3.1873, 1.8570,

318.7613, 393.7939

3.8452

400.7940,
378.1219, 463.9381

■ 1.2536, 0.5223,
1.5408

■ 0.1480, 0.0000,
0.2480

■ 75.4503, 65.4561,
88.0145

■ 75.4503, 65.4561,
88.0145

■ 69.1811, 54.6950,
80.4455

■ 82.7440, 78.1861,
96.1719

■ 63.8815, 45.7948,
73.4408

■ 91.1047, 92.9699,
104.9322

■ 59.4979, 38.6494,
66.9805

95.0500, 100.0000,
108.9000

■ 55.9699, 33.1385,
61.0409

■ 53.2292, 29.1268,
55.5962

■ 51.1965, 26.4570,
50.6165

■ 49.7750, 24.9363,
46.0661

■ 49.1611, 24.4284,
43.6418

Harmonies

Analogous

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



70.5772, 65.4561, 107.3006



75.4503, 65.4561, 88.0145



76.6617, 65.4561, 67.0992

Triad

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



75.4503, 65.4561, 88.0145



60.7400, 65.4561, 39.2650



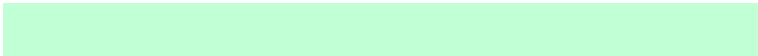
51.9303, 65.4561, 96.7742

Complementary

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



75.4503, 65.4561, 88.0145



69.6381, 87.6120, 75.5310

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.



49.7062, 65.4561, 75.6113



75.4503, 65.4561, 88.0145



54.5392, 65.4561, 44.3709

Square

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



75.4503, 65.4561, 88.0145



67.8146, 65.4561, 41.3399



50.6241, 65.4561, 56.7975



56.9307, 65.4561, 112.9883

Rectangle

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



75.4503, 65.4561, 88.0145



75.1550, 65.4561, 55.4359



50.6241, 65.4561, 56.7975



50.8511, 65.4561, 89.8654

Sweetspot

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



75.4518, 65.4588, 88.0159



88.7493, 88.7879, 102.5165



64.1587, 59.3009, 102.6724



18.8852, 18.8078, 21.8280



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.



75.4518, 65.4588, 88.0159



72.3875, 60.1735, 84.3947



71.3797, 63.8299, 66.5724



18.5417, 18.2000, 21.4697



25.7575, 12.7923, 23.1714



2.5568, 1.2651, 2.5134

Inverse Universe

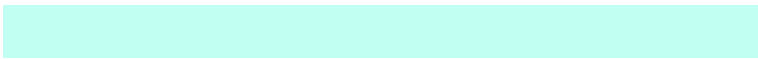
The Inverse Universe completely reimagines the original color for something new.



75.4518, 65.4588, 88.0159



72.3875, 60.1735, 84.3947



73.8713, 89.3052, 97.8228



18.5417, 18.2000, 21.4697



25.7575, 12.7923, 23.1714



2.5568, 1.2651, 2.5134

Previews

White Background



This preview shows how the XYZ color 75.4503, 65.4561, 88.0145 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 75.4503, 65.4561, 88.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

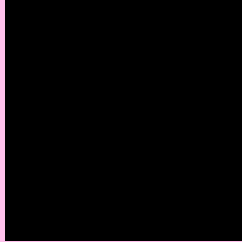
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4503, 65.4561, 88.0145

Background



This preview shows how black text looks on a background with the XYZ color 75.4503, 65.4561, 88.0145.



This preview shows how white text looks on a background with the XYZ color 75.4503, 65.4561,

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

75.4503, 65.4561, 88.0145

Protanopia

65.0119, 65.7877, 97.2675

Deuteranopia

67.0468, 65.6127, 86.9727



Tritanopia

71.9948, 65.3814, 71.1127

Trichromacy



Original Color

75.4503, 65.4561, 88.0145

Protanomaly

68.2020, 65.3448, 93.8122

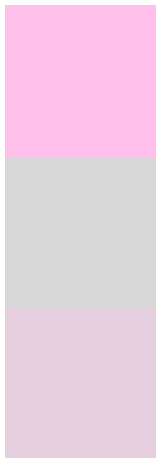
Deuteranomaly

69.8137, 65.2639, 87.5149

Tritanomaly

73.2991, 65.5830, 77.2021

Monochromacy



Original Color

75.4503, 65.4561, 88.0145

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

68.5083, 67.2625, 79.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4503, 65.4561, 88.0145 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, 193, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 236)  
}
```

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, 193, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.4503, 65.4561, 88.0145 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, 193, 236) }
```


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

```
.border{ border-color:rgb(255, 193, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4503, 65.4561, 88.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 236) }
```

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

```
.background{ background-color: rgb(255,  
193, 236) }
```

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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