

Converting Colors

XYZ(75.6385, 66.7297, 85.3109)

Have a look what the booklet for
XYZ(75.6385, 66.7297, 85.3109)
contains.

XYZ(75.5454, 66.5661, 85.2108)	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(75.5454, 66.5661,
85.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4E8
RGB	255, 196, 232
RGB Percent	100%, 77%, 91%
CMY	0.0000, 0.2313, 0.0902
CMYK	0.00, 0.23, 0.09, 0.00
HSL	323°, 100%, 88%
HSV	323°, 23%, 100%
XYZ	75.5454, 66.5661, 85.2108
YIQ	217.7450, 23.6080, 23.7040

Conversions

Conversions Part 2

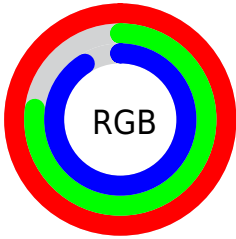
Format	Color
R_{YB}	255, 196, 232
Decimal	16762088
CIE _{Lab}	85.28, 26.58, -9.68
CIE _{LCh}	85, 28.292, 339.995
Yxy	66.5661, 0.3323, 0.2928
Android (android.graphics.Color)	4294952168 (0xFFFFC4E8)
YUV	217.7450, 7.0277, 32.6726
Hunter-Lab	81.5881, 22.5007, -4.8110

Details

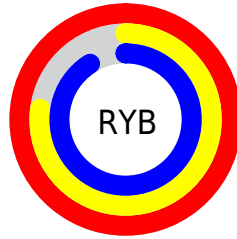
The XYZ color **75.5454, 66.5661, 85.2108** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3134, 88.3713, 80.3200**, and the grayscale version is **66.4082, 69.8666, 76.0847**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **40.7982, 34.4864, 45.5805** is the 20% darker color. If you saturate the color by 10%, you get **68.9027, 55.4767, 76.2260**, and if you desaturate by 10%, it is **83.2487, 79.6479, 94.9450**.

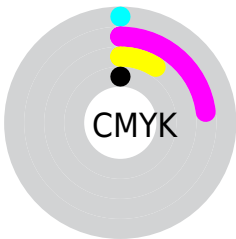
Distribution



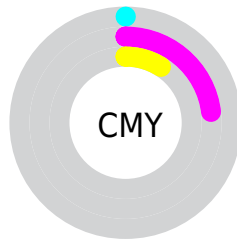
- Red (100%)
- Green (77%)
- Blue (91%)



- Red (100%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5454, 66.5661, 85.2108 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 75.5454, 66.5661, 85.2108 by changing the saturation by 10% instead.


 75.5454, 66.5661,
85.2108

 75.5454, 66.5661,
85.2108


468.7584,
448.3987, 532.4881

 56.3556, 48.7321,
63.4644

126.0679,
114.2985, 142.5444

 40.7262, 34.4070,
45.7736

158.1312,
144.9656, 178.9688

 28.2919, 23.2064,
31.7198

195.2165,
180.6792, 221.1228

 18.6874, 14.7460,
20.8846

237.6890,
221.8238, 269.4252

 11.5473, 8.6413,
12.8492

285.9141,
268.7836, 324.2943

 6.5062, 4.5080,
7.1953

340.2571,

 3.1988, 1.9616,

321.9431, 386.1489

3.5042

401.0834,
381.6867, 455.4073

■ 1.2598, 0.5850,
1.3575

■ 0.1528, 0.0000,
0.1082

■ 75.5454, 66.5661,
85.2108

■ 75.5454, 66.5661,
85.2108

■ 68.9027, 55.4767,
76.2260

■ 83.2487, 79.6479,
94.9450

■ 63.2650, 46.2721,
67.9630

■ 92.0549, 94.8062,
105.4464

■ 58.5790, 38.8471,
60.3983

95.0500, 100.0000,
108.9000

■ 54.7839, 33.0828,
53.5049

■ 51.8119, 28.8454,
47.2531

■ 49.5846, 25.9804,
41.6097

■ 48.0068, 24.3001,
36.5354

■ 47.2059, 23.6464,
33.3462

Harmonies

Analogous

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



71.5086, 66.5661, 102.9551



75.5454, 66.5661, 85.2108



76.1723, 66.5661, 66.5353

Triad

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



75.5454, 66.5661, 85.2108



61.1581, 66.5661, 43.0274



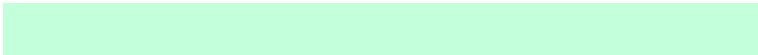
54.3059, 66.5661, 97.5599

Complementary

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



75.5454, 66.5661, 85.2108



71.3134, 88.3713, 80.3200

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.



51.9121, 66.5661, 78.7668



75.5454, 66.5661, 85.2108



55.6881, 66.5661, 48.7025

Square

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



75.5454, 66.5661, 85.2108



67.5710, 66.5661, 44.1609



52.4004, 66.5661, 61.0834



59.1537, 66.5661, 110.8760

Rectangle

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



75.5454, 66.5661, 85.2108



74.5311, 66.5661, 56.2560



52.4004, 66.5661, 61.0834



53.2028, 66.5661, 91.5551

Sweetspot

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



75.5470, 66.5689, 85.2122



88.5173, 88.6951, 101.2949



66.8907, 61.7039, 102.9923



18.8314, 18.7863, 21.5448



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.



75.5470, 66.5689, 85.2122



72.1854, 60.9302, 80.7484



71.7475, 65.0491, 65.2046



18.4751, 18.1733, 21.1189



24.7415, 12.3859, 17.8213



2.4626, 1.2274, 2.0176

Inverse Universe

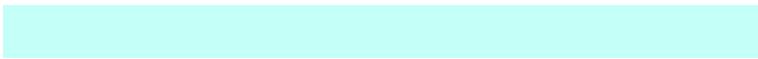
The Inverse Universe completely reimagines the original color for something new.



75.5470, 66.5689, 85.2122



72.1854, 60.9302, 80.7484



75.4880, 90.0412, 102.3035



18.4751, 18.1733, 21.1189



24.7415, 12.3859, 17.8213



2.4626, 1.2274, 2.0176

Previews

White Background



This preview shows how the XYZ color 75.5454, 66.5661, 85.2108 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 75.5454, 66.5661, 85.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

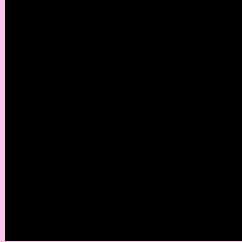
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5454, 66.5661, 85.2108

Background



This preview shows how black text looks on a background with the XYZ color 75.5454, 66.5661, 85.2108.



This preview shows how white text looks on a background with the XYZ color 75.5454, 66.5661,

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

75.5454, 66.5661, 85.2108

Protanopia

65.8650, 67.0531, 93.4755

Deuteranopia

68.2743, 66.6697, 84.1330



Tritanopia

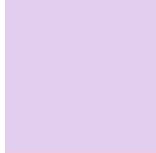
73.0690, 66.5845, 72.6193

Trichromacy



Original Color

75.5454, 66.5661, 85.2108



Protanomaly

68.8680, 66.4844, 90.0920



Deuteranomaly

70.7048, 66.4859, 84.7078



Tritanomaly

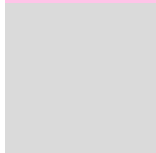
74.1183, 66.6795, 77.3706

Monochromacy



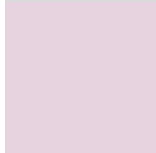
Original Color

75.5454, 66.5661, 85.2108



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.3209, 68.4098, 79.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5454, 66.5661, 85.2108 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.5454, 66.5661, 85.2108 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, 232) }
```


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

```
.border{ border-color:rgb(255, 196, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5454, 66.5661, 85.2108 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
196, 232) }
```

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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