

Converting Colors

XYZ(75.7720, 68.1223, 81.8861)

Have a look what the booklet for
XYZ(75.7720, 68.1223, 81.8861)
contains.

XYZ(75.7594, 68.1146, 81.8275)	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(75.7594, 68.1146,
81.8275)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8E3
RGB	255, 200, 227
RGB Percent	100%, 78%, 89%
CMY	0.0000, 0.2157, 0.1098
CMYK	0.00, 0.22, 0.11, 0.00
HSL	331°, 100%, 89%
HSV	331°, 22%, 100%
XYZ	75.7594, 68.1146, 81.8275
YIQ	219.5230, 24.1130, 20.0570

Conversions

Conversions Part 2

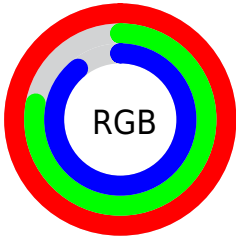
Format	Color
R_{YB}	255, 200, 227
Decimal	16763107
CIE _{Lab}	86.06, 23.66, -5.86
CIE _{LCh}	86, 24.378, 346.085
Yxy	68.1146, 0.3357, 0.3018
Android (android.graphics.Color)	4294953187 (0xFFFFC8E3)
YUV	219.5230, 3.6862, 31.1133
Hunter-Lab	82.5316, 19.4228, -1.0121

Details

The XYZ color **75.7594, 68.1146, 81.8275** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5853, 89.4019, 86.7802**, and the grayscale version is **67.6601, 71.1837, 77.5190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0140, 35.5421, 43.7284** is the 20% darker color. If you saturate the color by 10%, you get **68.6140, 56.5840, 70.9363**, and if you desaturate by 10%, it is **84.0280, 81.6747, 93.7616**.

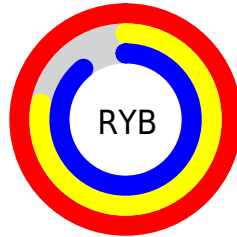
Distribution



Red (100%)

Green (78%)

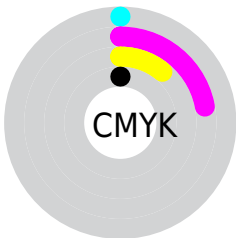
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

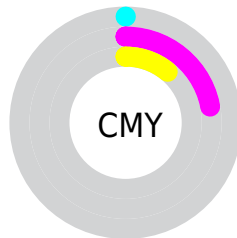


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7594, 68.1146, 81.8275 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 75.7594, 68.1146, 81.8275 by changing the saturation by 10% instead.

75.7594, 68.1146,
81.8275

75.7594, 68.1146,
81.8275

469.4807,
453.9019, 520.9388

56.5316, 49.9910,
60.6884

126.3689,
116.5161, 137.7666

40.8680, 35.4062,
43.5448

158.4813,
147.5627, 173.4036

28.4031, 23.9760,
29.9782

195.6194,
183.6858, 214.7104

18.7718, 15.3158,
19.5702

238.1483,
225.2697, 262.1054

11.6085, 9.0413,
11.9020

286.4336,
272.6989, 316.0072

6.5480, 4.7681,
6.5553

340.8405,

3.2249, 2.1119,

326.3578, 376.8343

3.1114

401.7344,
386.6306, 445.0054

■ 1.2738, 0.6713,
1.1518

■ 0.1635, 0.0000,
0.0000

■ 75.7594, 68.1146,
81.8275

■ 75.7594, 68.1146,
81.8275

■ 68.6140, 56.5840,
70.9363

■ 84.0280, 81.6747,
93.7616

■ 62.5352, 46.9755,
61.0518

■ 93.4633, 97.3478,
106.7645

■ 57.4687, 39.1849,
52.1416

95.0500, 100.0000,
108.9000

■ 53.3531, 33.0944,
44.1697

■ 50.1196, 28.5722,
37.0969

■ 47.6900, 25.4668,
30.8800

■ 45.9702, 23.5962,
25.4699

■ 44.9528, 22.7451,
21.4812

Harmonies

Analogous

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



72.8073, 68.1146, 97.6637



75.7594, 68.1146, 81.8275



75.6424, 68.1146, 65.9492

Triad

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



75.7594, 68.1146, 81.8275



61.8046, 68.1146, 48.3163



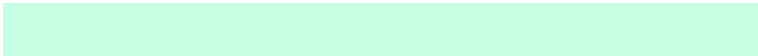
57.5593, 68.1146, 98.6583

Complementary

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



75.7594, 68.1146, 81.8275



73.5853, 89.4019, 86.7802

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.



54.9406, 68.1146, 83.0368



75.7594, 68.1146, 81.8275



57.2934, 68.1146, 54.7750

Square

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



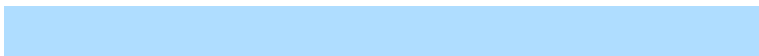
75.7594, 68.1146, 81.8275



67.3638, 68.1146, 48.0897



54.8461, 68.1146, 66.9968



62.1870, 68.1146, 108.2867

Rectangle

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



75.7594, 68.1146, 81.8275



73.8338, 68.1146, 57.4522



54.8461, 68.1146, 66.9968



56.4269, 68.1146, 93.8407

Sweetspot

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



75.7610, 68.1175, 81.8289



89.1328, 90.1321, 100.8655



70.5431, 64.9441, 103.4252



18.9458, 19.0722, 21.4072



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.



75.7610, 68.1175, 81.8289



72.4570, 62.7598, 76.8729



72.3217, 66.7417, 63.7179



18.3810, 18.1357, 20.6237



23.5638, 11.9148, 11.6193



2.3493, 1.1821, 1.4210

Inverse Universe

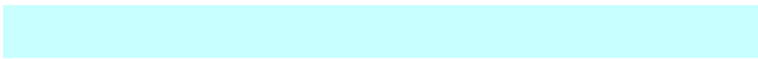
The Inverse Universe completely reimagines the original color for something new.



75.7610, 68.1175, 81.8289



72.4570, 62.7598, 76.8729



77.6310, 91.0202, 108.0848



18.3810, 18.1357, 20.6237



23.5638, 11.9148, 11.6193



2.3493, 1.1821, 1.4210

Previews

White Background



This preview shows how the XYZ color 75.7594, 68.1146, 81.8275 looks on a white background.

Color Contrast Check

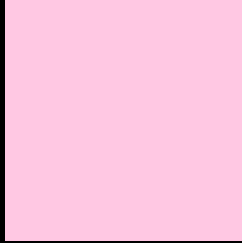
Large Text (above 18pt) WCAG AA × Fail

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 75.7594, 68.1146, 81.8275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

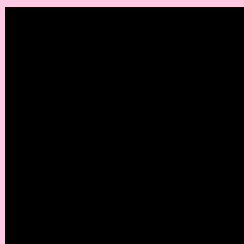
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7594, 68.1146, 81.8275

Background



This preview shows how black text looks on a background with the XYZ color 75.7594, 68.1146, 81.8275.



This preview shows how white text looks on a background with the XYZ color 75.7594, 68.1146,

81.8275.

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

75.7594, 68.1146, 81.8275

Protanopia

66.9184, 68.4454, 89.0412

Deuteranopia

69.6698, 68.1930, 80.7247



Tritanopia

74.5180, 68.3216, 74.9055

Trichromacy



Original Color

75.7594, 68.1146, 81.8275

Protanomaly

69.8215, 68.1421, 86.5635

Deuteranomaly

71.7340, 68.1589, 81.3267

Tritanomaly

74.8108, 68.0646, 77.6014

Monochromacy



Original Color

75.7594, 68.1146, 81.8275

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.7178, 70.2399, 79.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7594, 68.1146, 81.8275 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, 200, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.7594, 68.1146, 81.8275 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, 200, 227) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7594, 68.1146, 81.8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 227) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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