

Converting Colors

XYZ(97.1568, 79.2079, 85.2823)

Have a look what the booklet for
XYZ(97.1568, 79.2079, 85.2823)
contains.

XYZ(76.1772, 68.2817, 84.0276)	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(76.1772, 68.2817,
84.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8E6
RGB	255, 200, 230
RGB Percent	100%, 78%, 90%
CMY	0.0000, 0.2157, 0.0980
CMYK	0.00, 0.22, 0.10, 0.00
HSL	327°, 100%, 89%
HSV	327°, 22%, 100%
XYZ	76.1772, 68.2817, 84.0276
YIQ	219.8650, 23.1500, 20.9900

Conversions

Conversions Part 2

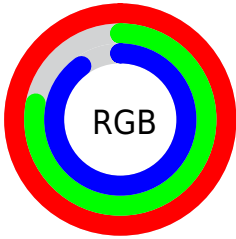
Format	Color
R_{YB}	255, 200, 230
Decimal	16763110
CIE _{Lab}	86.15, 24.15, -7.33
CIE _{LCh}	86, 25.242, 343.109
Yxy	68.2817, 0.3334, 0.2988
Android (android.graphics.Color)	4294953190 (0xFFFFC8E6)
YUV	219.8650, 4.9966, 30.8134
Hunter-Lab	82.6327, 19.9477, -2.4479

Details

The XYZ color **76.1772, 68.2817, 84.0276** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1722, 89.2367, 84.6053**, and the grayscale version is **67.8897, 71.4253, 77.7822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3055, 35.6587, 45.2632** is the 20% darker color. If you saturate the color by 10%, you get **69.1826, 56.8114, 73.9305**, and if you desaturate by 10%, it is **84.2681, 81.7707, 95.0261**.

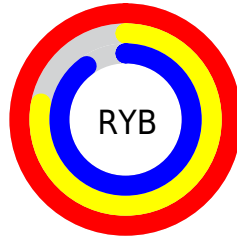
Distribution



Red (100%)

Green (78%)

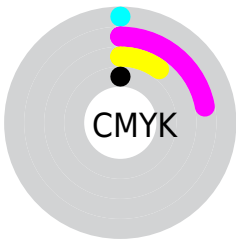
Blue (90%)



Red (100%)

Yellow (78%)

Blue (90%)

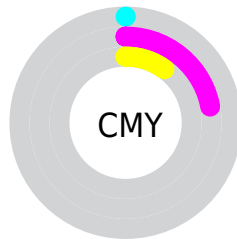


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1772, 68.2817, 84.0276 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 76.1772, 68.2817, 84.0276 by changing the saturation by 10% instead.

 76.1772, 68.2817,
84.0276

 76.1772, 68.2817,
84.0276


470.8891,
454.4934, 528.4653

 56.8754, 50.1269,
62.4927


126.9564,
116.7550, 140.8759

 41.1449, 35.5143,
44.9926

159.1645,
147.8424, 177.0263

 28.6205, 24.0593,
31.1087


196.4053,
184.0095, 218.8857

 18.9368, 15.3776,
20.4225

239.0444,
225.6406, 266.8725

 11.7283, 9.0848,
12.5154

287.4469,
273.1201, 321.4053

 6.6299, 4.7966,
6.9689

341.9783,

 3.2760, 2.1284,

326.8325, 382.9027

3.3645

403.0039,
387.1622, 451.7832

■ 1.3013, 0.6805,
1.2836

■ 0.1842, 0.0000,
0.0483

■ 76.1772, 68.2817,
84.0276

■ 76.1772, 68.2817,
84.0276

■ 69.1826, 56.8114,
73.9305

■ 84.2681, 81.7707,
95.0261

■ 63.2286, 47.2529,
64.7032

■ 93.4980, 97.3617,
106.9474

■ 58.2619, 39.5022,
56.3181

95.0500, 100.0000,
108.9000

■ 54.2217, 33.4419,
48.7442

■ 51.0408, 28.9406,
41.9475

■ 48.6415, 25.8474,
35.8907

■ 46.9312, 23.9806,
30.5305

■ 45.9064, 23.1265,
26.5027

Harmonies

Analogous

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



72.8308, 68.2817, 100.2129



76.1772, 68.2817, 84.0276



76.3895, 68.2817, 67.3296

Triad

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



76.1772, 68.2817, 84.0276



62.4008, 68.2817, 47.3561



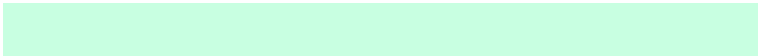
57.0869, 68.2817, 98.4038

Complementary

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



76.1772, 68.2817, 84.0276



73.1722, 89.2367, 84.6053

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.



54.6240, 68.2817, 81.8361



76.1772, 68.2817, 84.0276



57.5664, 68.2817, 53.3656

Square

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



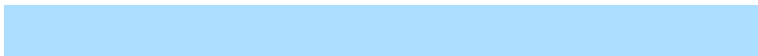
76.1772, 68.2817, 84.0276



68.1972, 68.2817, 47.7614



54.7941, 68.2817, 65.4403



61.7102, 68.2817, 109.3233

Rectangle

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



76.1772, 68.2817, 84.0276



74.7059, 68.2817, 58.2164



54.7941, 68.2817, 65.4403



55.9916, 68.2817, 93.2122

Sweetspot

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



76.1787, 68.2845, 84.0290



89.2621, 90.1838, 101.5462



69.6801, 64.4992, 103.3848



18.9764, 19.0844, 21.5681



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.



76.1787, 68.2845, 84.0290



72.9449, 62.9550, 79.4424



72.6460, 66.8714, 65.4260



18.4239, 18.1529, 20.8492



24.0634, 12.1147, 14.2504



2.3981, 1.2016, 1.6779

Inverse Universe

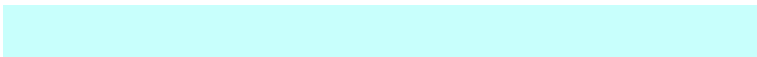
The Inverse Universe completely reimagines the original color for something new.



76.1787, 68.2845, 84.0290



72.9449, 62.9550, 79.4424



77.1914, 90.8443, 105.7698



18.4239, 18.1529, 20.8492



24.0634, 12.1147, 14.2504



2.3981, 1.2016, 1.6779

Previews

White Background



This preview shows how the XYZ color 76.1772, 68.2817, 84.0276 looks on a white background.

Color Contrast Check

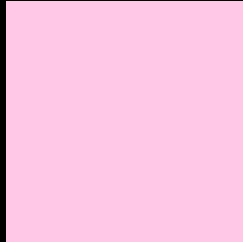
Large Text (above 18pt) WCAG AA × Fail

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 76.1772, 68.2817, 84.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

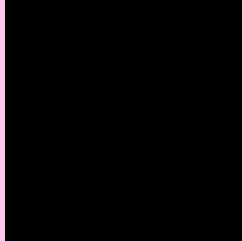
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1772, 68.2817, 84.0276

Background



This preview shows how black text looks on a background with the XYZ color 76.1772, 68.2817, 84.0276.



This preview shows how white text looks on a background with the XYZ color 76.1772, 68.2817,

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

76.1772, 68.2817, 84.0276

Protanopia

67.0671, 68.4713, 91.3428

Deuteranopia

69.7591, 68.1913, 82.8843



Tritanopia

74.2834, 68.1857, 75.5757

Trichromacy



Original Color

76.1772, 68.2817, 84.0276



Protanomaly

69.9357, 68.1510, 88.8253



Deuteranomaly

72.1493, 68.3250, 83.5141



Tritanomaly

74.9445, 68.1180, 78.3053

Monochromacy



Original Color

76.1772, 68.2817, 84.0276



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

70.8531, 70.2940, 80.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1772, 68.2817, 84.0276 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.1772, 68.2817, 84.0276 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, 230) }
```


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

```
.border{ border-color:rgb(255, 200, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1772, 68.2817, 84.0276 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
200, 230) }
```

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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