

Converting Colors

XYZ(75.4096, 68.0671, 79.6817)

Have a look what the booklet for
XYZ(75.4096, 68.0671, 79.6817)
contains.

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Color

**XYZ(75.3488, 67.9504,
79.6654)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8E0
RGB	255, 200, 224
RGB Percent	100%, 78%, 88%
CMY	0.0000, 0.2157, 0.1216
CMYK	0.00, 0.22, 0.12, 0.00
HSL	334°, 100%, 89%
HSV	334°, 22%, 100%
XYZ	75.3488, 67.9504, 79.6654
YIQ	219.1810, 25.0760, 19.1240

Conversions

Conversions Part 2

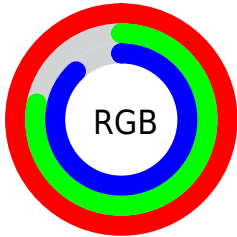
Format	Color
R_{YB}	255, 200, 224
Decimal	16763104
CIE _{Lab}	85.98, 23.18, -4.39
CIE _{LCh}	86, 23.589, 349.279
Yxy	67.9504, 0.3379, 0.3048
Android (android.graphics.Color)	4294953184 (0xFFFFC8E0)
YUV	219.1810, 2.3758, 31.4133
Hunter-Lab	82.4320, 18.9058, 0.4023

Details

The XYZ color **75.3488, 67.9504, 79.6654** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0056, 89.5700, 88.9931**, and the grayscale version is **67.4309, 70.9425, 77.2564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7290, 35.4281, 42.2278** is the 20% darker color. If you saturate the color by 10%, you get **68.0605, 56.3626, 68.0216**, and if you desaturate by 10%, it is **83.7900, 81.5796, 92.5083**.

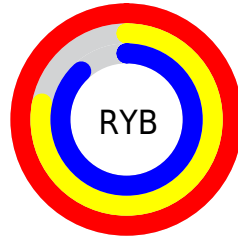
Distribution



Red (100%)

Green (78%)

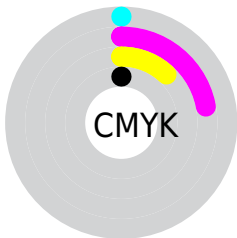
Blue (88%)



Red (100%)

Yellow (78%)

Blue (88%)

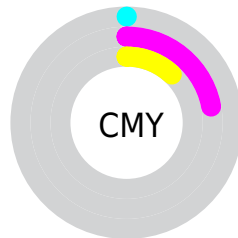


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3488, 67.9504, 79.6654 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 75.3488, 67.9504, 79.6654 by changing the saturation by 10% instead.


 75.3488, 67.9504,
79.6654

 75.3488, 67.9504,
79.6654


468.0943,
453.3203, 513.4815

 56.1939, 49.8574,
58.9185

125.7913,
116.2812, 134.7023

 40.5960, 35.3001,
42.1279

157.8095,
147.2877, 169.8295

 28.1898, 23.8941,
28.8752


194.8462,
183.3676, 210.5871

 18.6100, 15.2551,
18.7416

237.2667,
224.9052, 257.3937

 11.4911, 8.9986,
11.3088

285.4364,
272.2848, 310.6680

 6.4679, 4.7403,
6.1582

339.7207,

 3.1750, 2.0957,

325.8909, 370.8283

2.8712

400.4849,
386.1080, 438.2933

■ 1.2470, 0.6622,
1.0292

■ 0.1430, 0.0000,
0.0000

■ 75.3488, 67.9504,
79.6654

■ 75.3488, 67.9504,
79.6654

■ 68.0605, 56.3626,
68.0216

■ 83.7900, 81.5796,
92.5083

■ 61.8675, 46.7085,
57.5352

■ 93.4287, 97.3340,
106.5819

■ 56.7141, 38.8831,
48.1676

95.0500, 100.0000,
108.9000

■ 52.5377, 32.7683,
39.8762

■ 49.2686, 28.2318,
32.6153

■ 46.8268, 25.1215,
26.3342

■ 45.1169, 23.2548,
20.9762

■ 44.1237, 22.4135,
17.1155

Harmonies

Analogous

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



72.7897, 67.9504, 95.1624



75.3488, 67.9504, 79.6654



74.9047, 67.9504, 64.5841

Triad

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



75.3488, 67.9504, 79.6654



61.2125, 67.9504, 49.2880



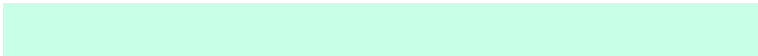
58.0365, 67.9504, 98.9268

Complementary

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



75.3488, 67.9504, 79.6654



74.0056, 89.5700, 88.9931

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.



55.2592, 67.9504, 84.2597



75.3488, 67.9504, 79.6654



57.0209, 67.9504, 56.2109

Square

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



75.3488, 67.9504, 79.6654



66.5384, 67.9504, 48.4160



54.8981, 67.9504, 68.5840



62.6698, 67.9504, 107.2700

Rectangle

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



75.3488, 67.9504, 79.6654



72.9721, 67.9504, 56.6905



54.8981, 67.9504, 68.5840



56.8661, 67.9504, 94.4847

Sweetspot

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



75.3504, 67.9533, 79.6668



89.0041, 90.0806, 100.1877



71.4200, 65.3962, 103.4662



18.9154, 19.0600, 21.2471



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.



75.3504, 67.9533, 79.6668



71.9794, 62.5688, 74.3582



72.9644, 68.0271, 63.9322



18.3385, 18.1187, 20.3998



23.1274, 11.7403, 9.3215



2.3055, 1.1646, 1.1903

Inverse Universe

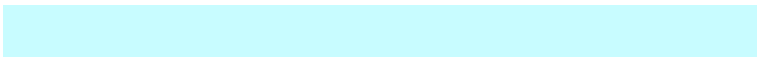
The Inverse Universe completely reimagines the original color for something new.



75.3504, 67.9533, 79.6668



71.9794, 62.5688, 74.3582



76.7601, 89.2783, 107.7945



18.3385, 18.1187, 20.3998



23.1274, 11.7403, 9.3215



2.3055, 1.1646, 1.1903

Previews

White Background



This preview shows how the XYZ color 75.3488, 67.9504, 79.6654 looks on a white background.

Color Contrast Check

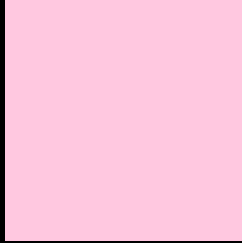
Large Text (above 18pt) WCAG AA × Fail

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 75.3488, 67.9504, 79.6654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

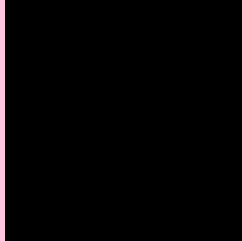
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3488, 67.9504, 79.6654

Background



This preview shows how black text looks on a background with the XYZ color 75.3488, 67.9504, 79.6654.



This preview shows how white text looks on a background with the XYZ color 75.3488, 67.9504,

79.6654.

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

75.3488, 67.9504, 79.6654

Protanopia

66.3436, 68.2155, 86.0141

Deuteranopia

69.5896, 68.1985, 78.6031



Tritanopia

74.2841, 67.8539, 74.8276

Trichromacy



Original Color

75.3488, 67.9504, 79.6654

Protanomaly

69.2564, 67.9161, 83.5876

Deuteranomaly

71.6662, 68.1711, 79.1932

Tritanomaly

74.6780, 68.0114, 76.9017

Monochromacy



Original Color

75.3488, 67.9504, 79.6654

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.8733, 69.4632, 78.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3488, 67.9504, 79.6654 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.3488, 67.9504, 79.6654 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, 224) }
```


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

```
.border{ border-color:rgb(255, 200, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3488, 67.9504, 79.6654 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
200, 224) }
```

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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