

Converting Colors

XYZ(75.4646, 68.5366, 78.6105)

Have a look what the booklet for
XYZ(75.4646, 68.5366, 78.6105)
contains.

XYZ(75.3115, 68.3072, 78.3225)	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(75.3115, 68.3072,
78.3225)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DE
RGB	255, 201, 222
RGB Percent	100%, 79%, 87%
CMY	0.0000, 0.2117, 0.1294
CMYK	0.00, 0.21, 0.13, 0.00
HSL	337°, 100%, 89%
HSV	337°, 21%, 100%
XYZ	75.3115, 68.3072, 78.3225
YIQ	219.5400, 25.4430, 17.9790

Conversions

Conversions Part 2

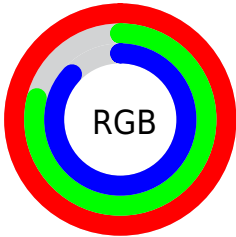
Format	Color
R _Y B	255, 201, 222
Decimal	16763358
CIE Lab	86.16, 22.33, -3.06
CIE LCh	86, 22.542, 352.191
Yxy	68.3072, 0.3393, 0.3078
Android (android.graphics.Color)	4294953438 (0xFFFFC9DE)
YUV	219.5400, 1.2128, 31.0984
Hunter-Lab	82.6482, 18.0203, 1.6669

Details

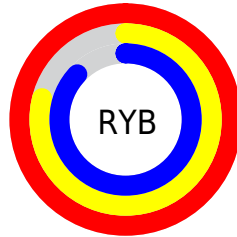
The XYZ color **75.3115, 68.3072, 78.3225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7009, 89.8791, 91.2566**, and the grayscale version is **67.6879, 71.2129, 77.5509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6975, 35.6632, 41.2979** is the 20% darker color. If you saturate the color by 10%, you get **67.8599, 56.5938, 66.0055**, and if you desaturate by 10%, it is **83.9460, 82.0770, 91.9882**.

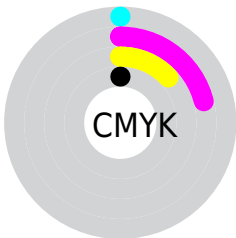
Distribution



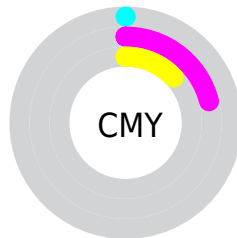
- Red (100%)
- Green (79%)
- Blue (87%)



- Red (100%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3115, 68.3072, 78.3225 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 75.3115, 68.3072, 78.3225 by changing the saturation by 10% instead.


 75.3115, 68.3072,
78.3225

 75.3115, 68.3072,
78.3225


467.9682,
454.5837, 508.8183

 56.1632, 50.1477,
57.8209


125.7388,
116.7915, 132.7946

 40.5713, 35.5308,
41.2509

157.7484,
147.8851, 167.6023

 28.1704, 24.0720,
28.1940


194.7759,
184.0588, 208.0157

 18.5953, 15.3871,
18.2317

237.1866,
225.6971, 254.4535

 11.4805, 9.0915,
10.9453

285.3458,
273.1844, 307.3340

 6.4607, 4.8009,
5.9163

339.6189,

 3.1705, 2.1309,

326.9049, 367.0760

2.7263

400.3713,
387.2432, 434.0979

■ 1.2445, 0.6819,
0.9566

■ 0.1411, 0.0000,
0.0000

■ 75.3115, 68.3072,
78.3225

■ 75.3115, 68.3072,
78.3225

■ 67.8599, 56.5938,
66.0055

■ 83.9460, 82.0770,
91.9882

■ 61.5328, 46.8288,
54.9893

■ 93.8090, 97.9872,
107.0399

■ 56.2735, 38.9073,
45.2292

95.0500, 100.0000,
108.9000

■ 52.0182, 32.7111,
36.6759

■ 48.6960, 28.1079,
29.2761

■ 46.2261, 24.9460,
22.9719

■ 44.5123, 23.0436,
17.6981

■ 43.4996, 22.1638,
13.8288

Harmonies

Analogous

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



73.1242, 68.3072, 93.2892



75.3115, 68.3072, 78.3225



74.6005, 68.3072, 64.1027

Triad

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



75.3115, 68.3072, 78.3225



61.2304, 68.3072, 50.9444



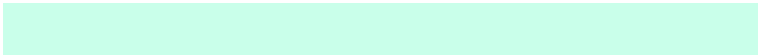
59.0015, 68.3072, 99.2930

Complementary

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



75.3115, 68.3072, 78.3225



74.7009, 89.8791, 91.2566

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.



56.1226, 68.3072, 85.6898



75.3115, 68.3072, 78.3225



57.3609, 68.3072, 58.2073

Square

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



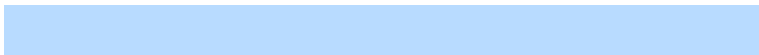
75.3115, 68.3072, 78.3225



66.2881, 68.3072, 49.5201



55.5384, 68.3072, 70.5623



63.5787, 68.3072, 106.4036

Rectangle

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



75.3115, 68.3072, 78.3225



72.5949, 68.3072, 56.7984



55.5384, 68.3072, 70.5623



57.8133, 68.3072, 95.2482

Sweetspot

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



75.3130, 68.3101, 78.3239



88.8926, 90.0360, 99.6004



72.6738, 66.3875, 103.5915



18.8891, 19.0495, 21.1085



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.



75.3130, 68.3101, 78.3239



72.3251, 63.5906, 73.4544



73.9523, 69.8154, 64.8400



18.3018, 18.1040, 20.2063



22.7972, 11.6082, 7.5826



2.2713, 1.1509, 1.0102

Inverse Universe

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



75.3130, 68.3101, 78.3239



72.3251, 63.5906, 73.4544



76.2006, 87.7616, 107.5312



18.3018, 18.1040, 20.2063



22.7972, 11.6082, 7.5826



2.2713, 1.1509, 1.0102

Previews

White Background



This preview shows how the XYZ color 75.3115, 68.3072, 78.3225 looks on a white background.

Color Contrast Check

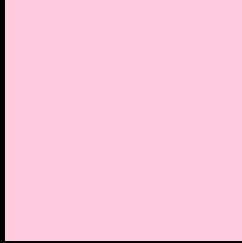
Large Text (above 18pt) WCAG AA × Fail

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 75.3115, 68.3072, 78.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

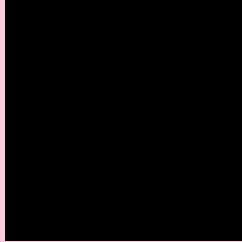
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3115, 68.3072, 78.3225

Background



This preview shows how black text looks on a background with the XYZ color 75.3115, 68.3072, 78.3225.

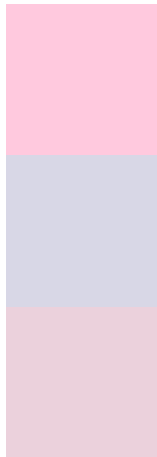


This preview shows how white text looks on a background with the XYZ color 75.3115, 68.3072,

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

75.3115, 68.3072, 78.3225

Protanopia

66.9023, 68.9130, 84.6383

Deuteranopia

69.9797, 68.4304, 77.2302



Tritanopia

74.5180, 68.3216, 74.9055

Trichromacy



Original Color

75.3115, 68.3072, 78.3225

Protanomaly

69.5448, 68.4622, 82.2222

Deuteranomaly

71.7404, 68.2403, 77.7972

Tritanomaly

74.7798, 68.4264, 76.2841

Monochromacy



Original Color

75.3115, 68.3072, 78.3225

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4497, 70.1326, 78.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3115, 68.3072, 78.3225 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, 201, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 222)  
}
```

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, 201, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.3115, 68.3072, 78.3225 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, 201, 222) }
```


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

```
.border{ border-color:rgb(255, 201, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3115, 68.3072, 78.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 222) }
```

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

```
.background{ background-color: rgb(255,  
201, 222) }
```

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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