

Converting Colors

XYZ(74.9405, 68.3269, 75.8506)

Have a look what the booklet for
XYZ(74.9405, 68.3269, 75.8506)
contains.

XYZ(74.7815, 68.0952, 75.5319)	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(74.7815, 68.0952,
75.5319)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DA
RGB	255, 201, 218
RGB Percent	100%, 79%, 85%
CMY	0.0000, 0.2117, 0.1451
CMYK	0.00, 0.21, 0.15, 0.00
HSL	341°, 100%, 89%
HSV	341°, 21%, 100%
XYZ	74.7815, 68.0952, 75.5319
YIQ	219.0840, 26.7270, 16.7350

Conversions

Conversions Part 2

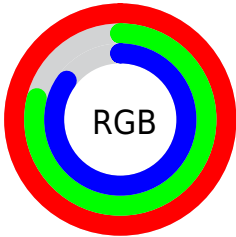
Format	Color
R _Y B	255, 201, 218
Decimal	16763354
CIE Lab	86.05, 21.70, -1.09
CIE LCh	86, 21.728, 357.122
Yxy	68.0952, 0.3424, 0.3118
Android (android.graphics.Color)	4294953434 (0xFFFFC9DA)
YUV	219.0840, -0.5344, 31.4983
Hunter-Lab	82.5198, 17.3514, 3.4946

Details

The XYZ color **74.7815, 68.0952, 75.5319** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2823, 90.1117, 94.3180**, and the grayscale version is **67.3822, 70.8913, 77.2007**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3333, 35.5175, 39.3801** is the 20% darker color. If you saturate the color by 10%, you get **67.1558, 56.3121, 62.2973**, and if you desaturate by 10%, it is **83.6383, 81.9540, 90.3679**.

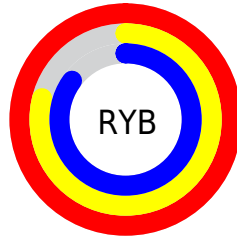
Distribution



Red (100%)

Green (79%)

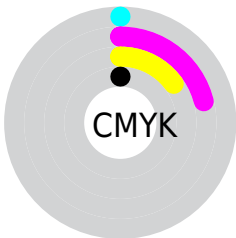
Blue (85%)



Red (100%)

Yellow (79%)

Blue (85%)

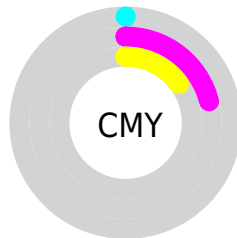


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7815, 68.0952, 75.5319 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 74.7815, 68.0952, 75.5319 by changing the saturation by 10% instead.


 74.7815, 68.0952,
75.5319

 74.7815, 68.0952,
75.5319


466.1750,
453.8332, 499.0479

 55.7274, 49.9752,
55.5444


124.9926,
116.4883, 128.8190

 40.2206, 35.3937,
39.4362


156.8803,
147.5302, 162.9557

 27.8955, 23.9663,
26.7888


193.7767,
183.6482, 202.6459

 18.3870, 15.3086,
17.1836

236.0470,
225.2267, 248.3081

 11.3295, 9.0363,
10.2022

284.0566,
272.6500, 300.3609

 6.3579, 4.7648,
5.4259

338.1709,

 3.1066, 2.1100,

326.3026, 359.2227

2.4362

398.7553,
386.5689, 425.3122

■ 1.2104, 0.6702,
0.8060

■ 0.1145, 0.0000,
0.0000

■ 74.7815, 68.0952,
75.5319

■ 74.7815, 68.0952,
75.5319

■ 67.1558, 56.3121,
62.2973

■ 83.6383, 81.9540,
90.3679

■ 60.7002, 46.4958,
50.6047

■ 93.7737, 97.9731,
106.8537

■ 55.3557, 38.5403,
40.3965

95.0500, 100.0000,
108.9000

■ 51.0562, 32.3263,
31.6101

■ 47.7279, 27.7206,
24.1778

■ 45.2869, 24.5703,
18.0257

■ 43.6336, 22.6921,
13.0711

■ 42.6978, 21.8431,
9.6065

Harmonies

Analogous

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



73.1158, 68.0952, 90.0768



74.7815, 68.0952, 75.5319



73.6395, 68.0952, 62.3138

Triad

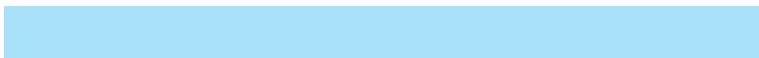
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7815, 68.0952, 75.5319



60.4479, 68.0952, 52.2855



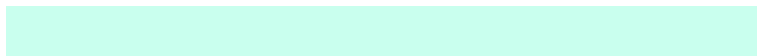
59.6544, 68.0952, 99.6870

Complementary

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



74.7815, 68.0952, 75.5319



75.2823, 90.1117, 94.3180

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.



56.5560, 68.0952, 87.3842



74.7815, 68.0952, 75.5319



56.9973, 68.0952, 60.2105

Square

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



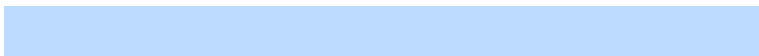
74.7815, 68.0952, 75.5319



65.2052, 68.0952, 49.9555



55.6085, 68.0952, 72.7734



64.2420, 68.0952, 105.0993

Rectangle

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



74.7815, 68.0952, 75.5319



71.4703, 68.0952, 55.7824



55.6085, 68.0952, 72.7734



58.4133, 68.0952, 96.1487

Sweetspot

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



74.7831, 68.0981, 75.5333



88.7194, 89.9667, 98.6885



74.1650, 67.1563, 103.6613



18.8482, 19.0332, 20.8933



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.



74.7831, 68.0981, 75.5333



71.7229, 63.3498, 70.2835



75.0540, 72.0186, 65.2073



18.2449, 18.0813, 19.9067



22.3697, 11.4372, 5.3311



2.2250, 1.1324, 0.7662

Inverse Universe

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



74.7831, 68.0981, 75.5333



71.7229, 63.3498, 70.2835



74.8220, 85.0043, 107.0717



18.2449, 18.0813, 19.9067



22.3697, 11.4372, 5.3311



2.2250, 1.1324, 0.7662

Previews

White Background



This preview shows how the XYZ color 74.7815, 68.0952, 75.5319 looks on a white background.

Color Contrast Check

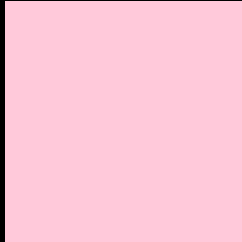
Large Text (above 18pt) WCAG AA × Fail

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 74.7815, 68.0952, 75.5319 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 74.7815, 68.0952, 75.5319

Background



This preview shows how black text looks on a background with the XYZ color 74.7815, 68.0952, 75.5319.



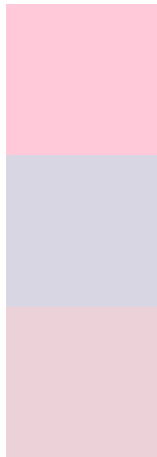
This preview shows how white text looks on a background with the XYZ color 74.7815, 68.0952,

75.5319.

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

74.7815, 68.0952, 75.5319

Protanopia

66.0929, 68.1831, 81.6287

Deuteranopia

69.9169, 68.4435, 75.1715



Tritanopia

74.6510, 68.0430, 74.8447

Trichromacy



Original Color

74.7815, 68.0952, 75.5319

Protanomaly

68.7529, 67.7516, 79.2657

Deuteranomaly

71.5578, 68.2071, 75.0394

Tritanomaly

74.6510, 68.0430, 74.8447

Monochromacy



Original Color

74.7815, 68.0952, 75.5319

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6084, 69.3572, 76.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7815, 68.0952, 75.5319 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.7815, 68.0952, 75.5319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

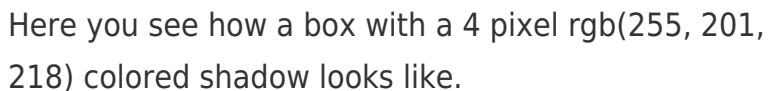
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 201, 218) }
```


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

```
.border{ border-color:rgb(255, 201, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 218); box-shadow:4px 4px 4px 4px rgb(255, 201, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7815, 68.0952, 75.5319 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
201, 218) }
```

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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