

Converting Colors

XYZ(78.8507, 75.2213, 78.7976)

Have a look what the booklet for
XYZ(78.8507, 75.2213, 78.7976)
contains.

XYZ(78.5916, 75.0813, 78.7565)	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(78.5916, 75.0813,
78.7565)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7DD
RGB	255, 215, 221
RGB Percent	100%, 84%, 87%
CMY	0.0000, 0.1568, 0.1333
CMYK	0.00, 0.16, 0.13, 0.00
HSL	351°, 100%, 92%
HSV	351°, 16%, 100%
XYZ	78.5916, 75.0813, 78.7565
YIQ	227.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

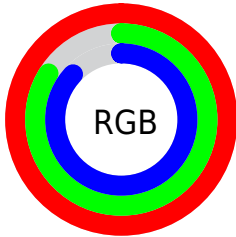
Format	Color
R _Y B	255, 215, 221
Decimal	16766941
CIE Lab	89.43, 14.85, 2.25
CIE LCh	89, 15.023, 8.602
Yxy	75.0813, 0.3381, 0.3230
Android (android.graphics.Color)	4294957021 (0xFFFFD7DD)
YUV	227.6440, -3.2755, 23.9912
Hunter-Lab	86.6495, 10.2640, 6.7654

Details

The XYZ color **78.5916, 75.0813, 78.7565** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8857, 92.8078, 103.2768**, and the grayscale version is **73.4962, 77.3237, 84.2055**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7424, 39.9006, 41.5252** is the 20% darker color. If you saturate the color by 10%, you get **69.8931, 62.0119, 62.5161**, and if you desaturate by 10%, it is **88.6784, 90.3302, 97.3015**.

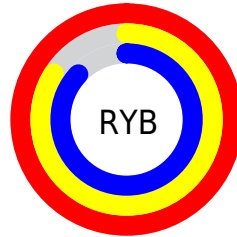
Distribution



Red (100%)

Green (84%)

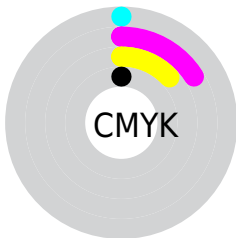
Blue (87%)



Red (100%)

Yellow (84%)

Blue (87%)

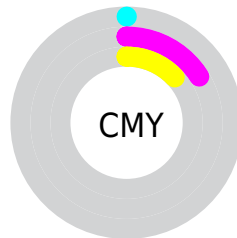


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5916, 75.0813, 78.7565 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 78.5916, 75.0813, 78.7565 by changing the saturation by 10% instead.


 78.5916, 75.0813,
78.7565

 78.5916, 75.0813,
78.7565


478.9828,
478.1970, 510.3280

 58.8646, 55.6795,
58.1755


130.3447,
126.4274, 133.4116

 42.7500, 39.9460,
41.5341


163.1015,
159.1406, 168.3227

 29.8827, 27.4965,
28.4138


200.9322,
197.0596, 208.8476

 19.8972, 17.9464,
18.3961

244.2023,
240.5689, 255.4049

 12.4282, 10.9115,
11.0624

293.2770,
290.0529, 308.4130

 7.1103, 6.0074,
5.9941

348.5218,

 3.5781, 2.8496,

345.8960, 368.2906

2.7728

410.3019,
408.4825, 435.4560

■ 1.4663, 1.0537,
0.9798

■ 0.3028, 0.0000,
0.0000

■ 78.5916, 75.0813,
78.7565

■ 78.5916, 75.0813,
78.7565

■ 69.8931, 62.0119,
62.5161

■ 88.6784, 90.3302,
97.3015

■ 62.5170, 51.0132,
48.4853

95.0500, 100.0000,
108.9000

■ 56.3994, 41.9818,
36.5697

■ 51.4693, 34.8010,
26.6658

■ 47.6483, 29.3422,
18.6616

■ 44.8486, 25.4602,
12.4339

■ 42.9686, 22.9855,
7.8446

■ 41.8847, 21.7095,
4.7342

■ 41.5935, 21.4014,
3.7916

Harmonies

Analogous

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



78.1570, 75.0813, 89.3712



78.5916, 75.0813, 78.7565



77.0377, 75.0813, 69.7456

Triad

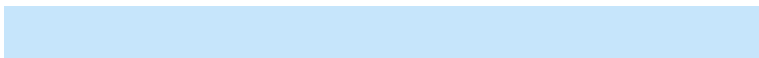
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5916, 75.0813, 78.7565



67.0373, 75.0813, 66.9114



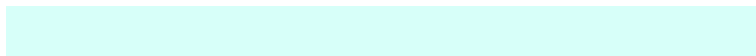
68.8113, 75.0813, 102.1123

Complementary

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



78.5916, 75.0813, 78.7565



80.8857, 92.8078, 103.2768

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.



65.9731, 75.0813, 95.0601



78.5916, 75.0813, 78.7565



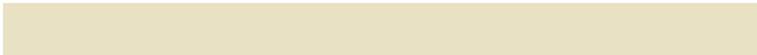
64.9737, 75.0813, 74.5763

Square

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



78.5916, 75.0813, 78.7565



70.3092, 75.0813, 63.3026



64.5909, 75.0813, 84.8200



72.4263, 75.0813, 103.4744

Rectangle

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



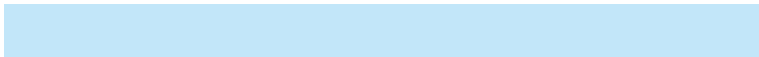
78.5916, 75.0813, 78.7565



75.1136, 75.0813, 65.6414



64.5909, 75.0813, 84.8200



67.7384, 75.0813, 100.3012

Sweetspot

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



78.5933, 75.0845, 78.7581



89.4202, 91.4546, 98.6560



81.4192, 75.9638, 104.9790



18.9765, 19.3278, 20.8186



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

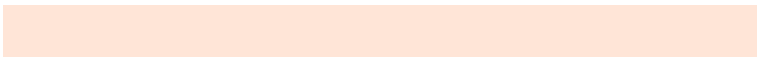
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5933, 75.0845, 78.7581



75.5577, 70.5134, 73.1214



81.5269, 82.2074, 75.8647



18.1203, 18.0314, 19.2508



21.7665, 11.1959, 2.1549



2.1505, 1.1026, 0.3739

Inverse Universe

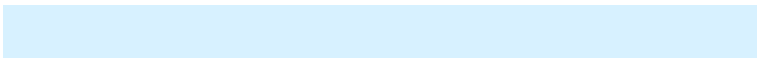
The Inverse Universe completely reimagines the original color for something new.



78.5933, 75.0845, 78.7581



75.5577, 70.5134, 73.1214



77.5320, 84.5798, 106.8469



18.1203, 18.0314, 19.2508



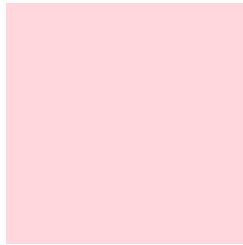
21.7665, 11.1959, 2.1549



2.1505, 1.1026, 0.3739

Previews

White Background



This preview shows how the XYZ color 78.5916, 75.0813, 78.7565 looks on a white background.

Color Contrast Check

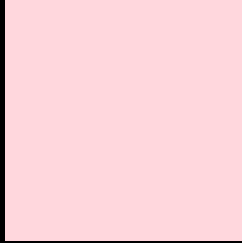
Large Text (above 18pt) WCAG AA × Fail

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 78.5916, 75.0813, 78.7565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

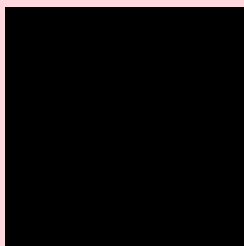
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5916, 75.0813, 78.7565

Background



This preview shows how black text looks on a background with the XYZ color 78.5916, 75.0813, 78.7565.



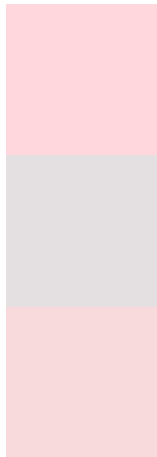
This preview shows how white text looks on a background with the XYZ color 78.5916, 75.0813,

78.7565.

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

78.5916, 75.0813, 78.7565

Protanopia

72.3780, 75.2963, 82.6704

Deuteranopia

76.8339, 75.3197, 78.8952



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

78.5916, 75.0813, 78.7565

Protanomaly

74.5709, 75.2719, 81.1196

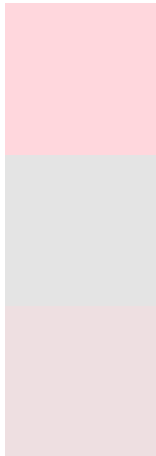
Deuteranomaly

77.6477, 75.3554, 78.8592

Tritanomaly

79.1517, 74.8992, 82.9583

Monochromacy



Original Color

78.5916, 75.0813, 78.7565

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.2382, 76.3887, 82.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5916, 75.0813, 78.7565 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, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 221)  
}
```

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, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 78.5916, 75.0813, 78.7565 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, 215, 221) }
```


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

```
.border{ border-color:rgb(255, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5916, 75.0813, 78.7565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 221) }
```

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

```
.background{ background-color: rgb(255,  
215, 221) }
```

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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