

Converting Colors

XYZ(79.1016, 75.4928, 84.5068)

Have a look what the booklet for XYZ(79.1016, 75.4928, 84.5068) contains.

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Color

**XYZ(79.2067, 75.6515,
84.5563)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD8E5
RGB	253, 216, 229
RGB Percent	99%, 85%, 90%
CMY	0.0078, 0.1529, 0.1020
CMYK	0.00, 0.15, 0.09, 0.01
HSL	339°, 90%, 92%
HSV	339°, 15%, 99%
XYZ	79.2067, 75.6515, 84.5563
YIQ	228.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

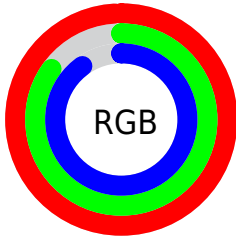
Format	Color
R _Y B	253, 216, 229
Decimal	16636133
CIE Lab	89.70, 14.93, -1.60
CIE LCh	90, 15.013, 353.893
Yxy	75.6515, 0.3308, 0.3160
Android (android.graphics.Color)	4294826213 (0xFFFD8E5)
YUV	228.5450, 0.2243, 21.4470
Hunter-Lab	86.9779, 10.3404, 3.2452

Details

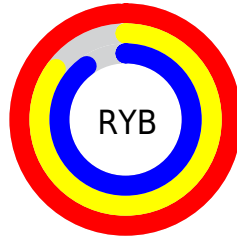
The XYZ color **79.2067, 75.6515, 84.5563** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1753, 91.1427, 95.8617**, and the grayscale version is **74.1330, 77.9937, 84.9351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1498, 40.2815, 45.5453** is the 20% darker color. If you saturate the color by 10%, you get **71.0332, 62.7995, 71.0551**, and if you desaturate by 10%, it is **88.5991, 90.5927, 99.5346**.

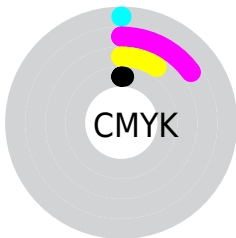
Distribution



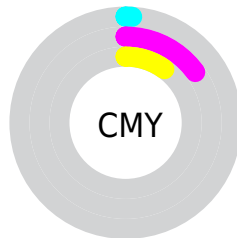
- Red (99%)
- Green (85%)
- Blue (90%)



- Red (99%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2067, 75.6515, 84.5563 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 79.2067, 75.6515, 84.5563 by changing the saturation by 10% instead.


 79.2067, 75.6515,
84.5563

 79.2067, 75.6515,
84.5563


481.0327,
480.1539, 530.2650

 59.3720, 56.1468,
62.9268


131.2062,
127.2342, 141.6217

 43.1602, 40.3206,
45.3414


164.1017,
160.0809, 177.8948

 30.2059, 27.7886,
31.3815


202.0815,
198.1438, 219.8860

 20.1437, 18.1664,
20.6286

245.5110,
241.8072, 268.0141

 12.6084, 11.0695,
12.6642

294.7555,
291.4555, 322.6975

 7.2346, 6.1136,
7.0697

350.1804,

 3.6569, 2.9143,

347.4731, 384.3547

3.4266

412.1510,
410.2444, 453.4044

■ 1.5099, 1.0871,
1.3164

■ 0.3326, 0.0000,
0.0752

■ 79.2067, 75.6515,
84.5563

■ 79.2067, 75.6515,
84.5563

■ 71.0332, 62.7995,
71.0551

■ 88.5991, 90.5927,
99.5346

■ 64.0207, 51.9333,
58.9795

94.3184, 99.6228,
108.8658

■ 58.1160, 42.9555,
48.2818

■ 53.2593, 35.7569,
38.9099

■ 49.3845, 30.2166,
30.8077

■ 46.4180, 26.1987,
23.9146

■ 44.2745, 23.5451,
18.1642

■ 42.8506, 22.0626,
13.4810

■ 42.3063, 21.6020,
11.3632

Harmonies

Analogous

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



77.8018, 75.6515, 94.9602



79.2067, 75.6515, 84.5563



78.6015, 75.6515, 74.3980

Triad

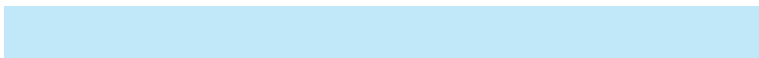
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2067, 75.6515, 84.5563



69.0636, 75.6515, 65.1251



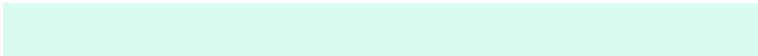
67.7964, 75.6515, 99.9383

Complementary

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



79.2067, 75.6515, 84.5563



79.1753, 91.1427, 95.8617

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.



65.5991, 75.6515, 90.8956



79.2067, 75.6515, 84.5563



66.3130, 75.6515, 70.9479

Square

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



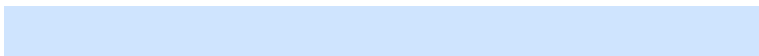
79.2067, 75.6515, 84.5563



72.6633, 75.6515, 63.7420



65.0655, 75.6515, 80.2249



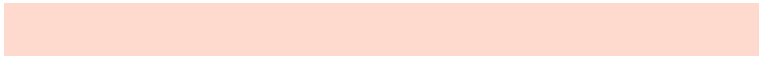
71.1509, 75.6515, 104.3176

Rectangle

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



79.2067, 75.6515, 84.5563



77.1496, 75.6515, 69.0479



65.0655, 75.6515, 80.2249



66.9026, 75.6515, 97.3078

Sweetspot

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



79.2088, 75.6549, 84.5579



90.8347, 93.2450, 102.3294



78.0312, 74.6334, 103.2224



19.2776, 19.6949, 21.6442



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

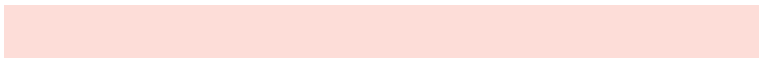
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2088, 75.6549, 84.5579



77.6861, 72.3585, 81.2663



78.7441, 77.5215, 75.7827



18.2729, 18.0925, 20.0540



22.5674, 11.5162, 6.3722



2.2468, 1.1411, 0.8810

Inverse Universe

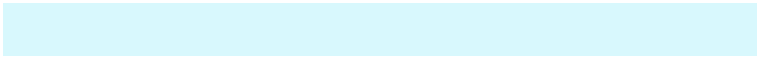
The Inverse Universe completely reimagines the original color for something new.



79.2088, 75.6549, 84.5579



77.6861, 72.3585, 81.2663



79.6389, 88.8686, 105.8853



18.2729, 18.0925, 20.0540



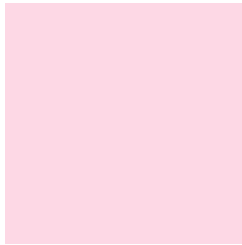
22.5674, 11.5162, 6.3722



2.2468, 1.1411, 0.8810

Previews

White Background



This preview shows how the XYZ color 79.2067, 75.6515, 84.5563 looks on a white background.

Color Contrast Check

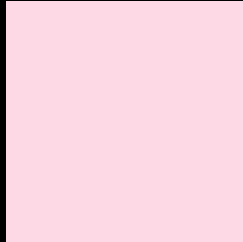
Large Text (above 18pt) WCAG AA × Fail

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 79.2067, 75.6515, 84.5563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

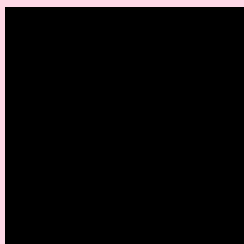
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2067, 75.6515, 84.5563

Background



This preview shows how black text looks on a background with the XYZ color 79.2067, 75.6515, 84.5563.



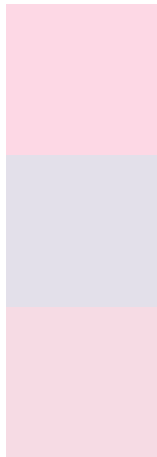
This preview shows how white text looks on a background with the XYZ color 79.2067, 75.6515,

84.5563.

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

79.2067, 75.6515, 84.5563

Protanopia

73.1855, 75.5827, 88.5735

Deuteranopia

77.3411, 75.8573, 83.9644



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

79.2067, 75.6515, 84.5563

Protanomaly

75.0140, 75.3720, 86.9385

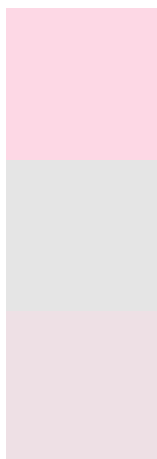
Deuteranomaly

78.1419, 75.8840, 83.9273

Tritanomaly

79.2323, 75.2530, 85.9506

Monochromacy



Original Color

79.2067, 75.6515, 84.5563

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0584, 77.1456, 85.0106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2067, 75.6515, 84.5563 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(253, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(253, 216, 229)  
}
```

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(253, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 216, 229) }
```

Border

The CSS property to change the border of an element to XYZ 79.2067, 75.6515, 84.5563 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(253, 216, 229) }
```


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

```
.border{ border-color:rgb(253, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 216,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2067, 75.6515, 84.5563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 216, 229) }
```

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

```
.background{ background-color: rgb(253,  
216, 229) }
```

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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