

Converting Colors

XYZ(70.5941, 67.2367, 75.5872)

Have a look what the booklet for
XYZ(70.5941, 67.2367, 75.5872)
contains.

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Color

**XYZ(70.7618, 67.4254,
75.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CDDA
RGB	241, 205, 218
RGB Percent	95%, 80%, 85%
CMY	0.0549, 0.1961, 0.1451
CMYK	0.00, 0.15, 0.10, 0.05
HSL	338°, 56%, 87%
HSV	338°, 15%, 95%
XYZ	70.7618, 67.4254, 75.6145
YIQ	217.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

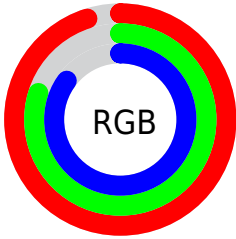
Format	Color
R _{YB}	241, 205, 218
Decimal	15846874
CIE Lab	85.72, 14.72, -1.73
CIE LCh	86, 14.826, 353.282
Yxy	67.4254, 0.3310, 0.3154
Android (android.graphics.Color)	4294036954 (0xFF1CDDA)
YUV	217.2460, 0.3717, 20.8323
Hunter-Lab	82.1130, 10.1267, 2.8813

Details

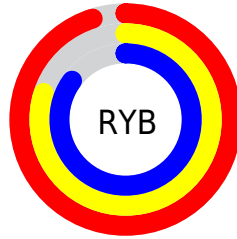
The XYZ color **70.7618, 67.4254, 75.6145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6383, 81.4928, 85.4093**, and the grayscale version is **66.1129, 69.5559, 75.7463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6851, 35.0918, 39.4375** is the 20% darker color. If you saturate the color by 10%, you get **63.5128, 56.0032, 63.7139**, and if you desaturate by 10%, it is **79.0898, 80.7043, 88.8001**.

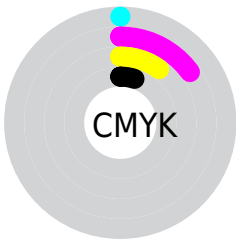
Distribution



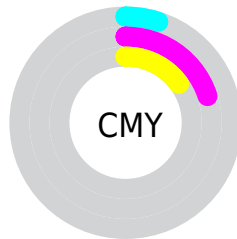
- Red (95%)
- Green (80%)
- Blue (85%)



- Red (95%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7618, 67.4254, 75.6145 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 70.7618, 67.4254, 75.6145 by changing the saturation by 10% instead.

 70.7618, 67.4254,
75.6145

 70.7618, 67.4254,
75.6145


452.4451,
451.4575, 499.3387

 52.4297, 49.4304,
55.6117

119.3149,
115.5298, 128.9369

 37.5733, 34.9610,
39.4898


150.2665,
146.4079, 163.0936

 25.8274, 23.6329,
26.8302


186.1553,
182.3493, 202.8054

 16.8266, 15.0615,
17.2144

227.3467,
223.7382, 248.4907

 10.2055, 8.8626,
10.2239

274.2061,
270.9591, 300.5682

 5.5987, 4.6516,
5.4401

327.0987,

 2.6410, 2.0444,

324.3963, 359.4563

2.4445

386.3899,
384.4343, 425.5736

■ 0.9669, 0.6331,
0.8105

■ 0.0000, 0.0000,
0.0000

■ 70.7618, 67.4254,
75.6145

■ 70.7618, 67.4254,
75.6145

■ 63.5128, 56.0032,
63.7139

■ 79.0898, 80.7043,
88.8001

■ 57.2915, 46.3457,
53.0539

■ 88.5339, 95.9087,
103.3047

■ 52.0508, 38.3665,
43.5933

■ 90.0859, 97.4409,
108.6677

■ 47.7377, 31.9683,
35.2871

■ 44.2938, 27.0436,
28.0870

■ 41.6537, 23.4715,
21.9410

■ 39.7419, 21.1116,
16.7916

■ 38.4668, 19.7916,
12.5737

■ 37.9966, 19.3892,
10.7588

Harmonies

Analogous

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



69.4398, 67.4254, 85.1190



70.7618, 67.4254, 75.6145



70.2452, 67.4254, 66.2985

Triad

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



70.7618, 67.4254, 75.6145



61.5503, 67.4254, 57.6054



60.2769, 67.4254, 89.3742

Complementary

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



70.7618, 67.4254, 75.6145



70.6383, 81.4928, 85.4093

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.



58.2975, 67.4254, 81.0229



70.7618, 67.4254, 75.6145



59.0144, 67.4254, 62.8359

Square

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



70.7618, 67.4254, 75.6145



64.8494, 67.4254, 56.4323



57.8435, 67.4254, 71.2582



63.3283, 67.4254, 93.5023

Rectangle

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



70.7618, 67.4254, 75.6145



68.9362, 67.4254, 61.3751



57.8435, 67.4254, 71.2582



59.4685, 67.4254, 86.9343

Sweetspot

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



70.7637, 67.4284, 75.6159



90.8502, 93.2512, 102.4109



69.6424, 66.4781, 92.3808



19.2816, 19.6964, 21.6648



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.



70.7637, 67.4284, 75.6159



77.7474, 72.3830, 81.5890



70.2946, 69.1060, 67.3952



16.0086, 15.8532, 17.6016



20.6633, 10.5377, 6.1435



1.7650, 0.8951, 0.7535

Inverse Universe

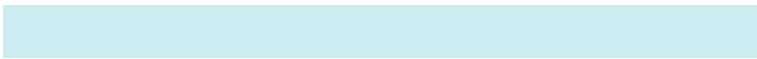
The Inverse Universe completely reimagines the original color for something new.



70.7637, 67.4284, 75.6159



77.7474, 72.3830, 81.5890



71.1093, 79.4379, 94.8050



16.0086, 15.8532, 17.6016



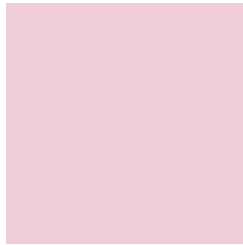
20.6633, 10.5377, 6.1435



1.7650, 0.8951, 0.7535

Previews

White Background



This preview shows how the XYZ color 70.7618, 67.4254, 75.6145 looks on a white background.

Color Contrast Check

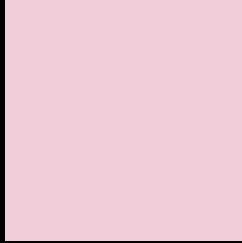
Large Text (above 18pt) WCAG AA × Fail

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 70.7618, 67.4254, 75.6145 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 70.7618, 67.4254, 75.6145

Background



This preview shows how black text looks on a background with the XYZ color 70.7618, 67.4254, 75.6145.



This preview shows how white text looks on a background with the XYZ color 70.7618, 67.4254,

75.6145.

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

70.7618, 67.4254, 75.6145

Protanopia

65.4324, 67.5151, 79.3951

Deuteranopia

69.0119, 67.6139, 75.0591



Tritanopia

71.1581, 67.5839, 77.7012

Trichromacy



Original Color

70.7618, 67.4254, 75.6145

Protanomaly

67.1491, 67.3212, 77.8618

Deuteranomaly

69.7623, 67.6399, 75.0246

Tritanomaly

71.0252, 67.5307, 77.0014

Monochromacy



Original Color

70.7618, 67.4254, 75.6145

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.6827, 68.7670, 75.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7618, 67.4254, 75.6145 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(241, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 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(241, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 218) }
```

Border

The CSS property to change the border of an element to XYZ 70.7618, 67.4254, 75.6145 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(241, 205, 218) }
```


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

```
.border{ border-color:rgb(241, 205, 218) }
```

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

Here you see how a box with a 4 pixel rgb(241, 205, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7618, 67.4254, 75.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 218) }
```

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

```
.background{ background-color: rgb(241,  
205, 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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