

Converting Colors

XYZ(71.9006, 71.9456, 66.9368)

Have a look what the booklet for
XYZ(71.9006, 71.9456, 66.9368)
contains.

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Color

**XYZ(71.8175, 71.8378,
67.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D7CC
RGB	242, 215, 204
RGB Percent	95%, 84%, 80%
CMY	0.0510, 0.1568, 0.2000
CMYK	0.00, 0.11, 0.16, 0.05
HSL	17°, 59%, 87%
HSV	17°, 16%, 95%
XYZ	71.8175, 71.8378, 67.2076
YIQ	221.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

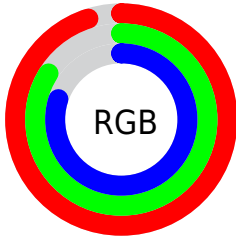
Format	Color
R _Y B	242, 219, 204
Decimal	15914956
CIE Lab	87.89, 7.60, 8.83
CIE LCh	88, 11.656, 49.278
Yxy	71.8378, 0.3406, 0.3407
Android (android.graphics.Color)	4294105036 (0xFFFF2D7CC)
YUV	221.8190, -8.7848, 17.6987
Hunter-Lab	84.7572, 2.9237, 12.3164

Details

The XYZ color **71.8175, 71.8378, 67.2076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5043, 76.3983, 95.0881**, and the grayscale version is **69.3554, 72.9673, 79.4614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3255, 37.7827, 34.1270** is the 20% darker color. If you saturate the color by 10%, you get **64.9879, 62.4678, 51.7063**, and if you desaturate by 10%, it is **79.5622, 82.3147, 85.2406**.

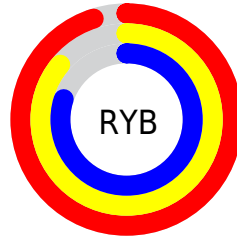
Distribution



Red (95%)

Green (84%)

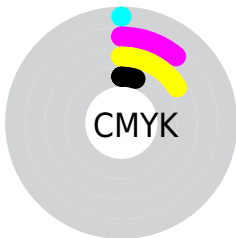
Blue (80%)



Red (95%)

Yellow (86%)

Blue (80%)

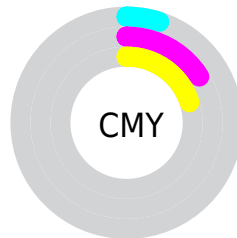


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8175, 71.8378, 67.2076 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 71.8175, 71.8378, 67.2076 by changing the saturation by 10% instead.


 71.8175, 71.8378,
67.2076

 71.8175, 71.8378,
67.2076


456.0736,
466.9768, 469.2050

 53.2945, 53.0262,
48.7907


120.8092,
121.8259, 116.8613

 38.2664, 37.8237,
34.0890


152.0087,
153.7712, 148.9352

 26.3676, 25.8459,
22.6841


188.1644,
190.8631, 186.3985

 17.2330, 16.7084,
14.1573

229.6417,
233.4861, 229.6697

 10.4971, 10.0268,
8.0902

276.8059,
282.0246, 279.1674

 5.7945, 5.4167,
4.0641

330.0224,

 2.7600, 2.4938,

336.8630, 335.3102

1.6606

389.6565,
398.3856, 398.5165

■ 1.0282, 0.8735,
0.3335

■ 0.0000, 0.0000,
0.0000

■ 71.8175, 71.8378,
67.2076

■ 71.8175, 71.8378,
67.2076

■ 64.9879, 62.4678,
51.7063

■ 79.5622, 82.3147,
85.2406

■ 59.0324, 54.1585,
38.6181

■ 88.2489, 93.9237,
105.9074

■ 53.9160, 46.8745,
27.8216

■ 90.4282, 97.6174,
108.6837

■ 49.5984, 40.5746,
19.1830

■ 46.0360, 35.2148,
12.5546

■ 43.1807, 30.7474,
7.7696

■ 40.9776, 27.1202,
4.6342

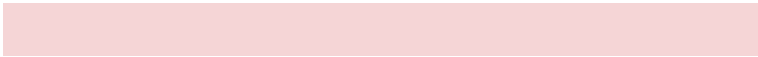
■ 39.3622, 24.2741,
2.9095

■ 38.8135, 23.2680,
2.4455

Harmonies

Analogous

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



73.4372, 71.8378, 73.2852



71.8175, 71.8378, 67.2076



69.2764, 71.8378, 64.1546

Triad

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



71.8175, 71.8378, 67.2076



63.1738, 71.8378, 75.4126



70.0552, 71.8378, 93.5364

Complementary

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



71.8175, 71.8378, 67.2076



69.5043, 76.3983, 95.0881

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.



67.2925, 71.8378, 94.2023



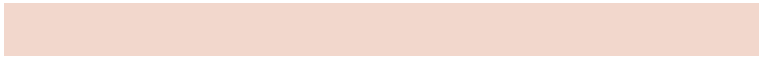
71.8175, 71.8378, 67.2076



63.3694, 71.8378, 83.3697

Square

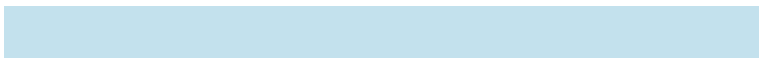
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8175, 71.8378, 67.2076



64.3179, 71.8378, 68.6741



64.8600, 71.8378, 90.3722



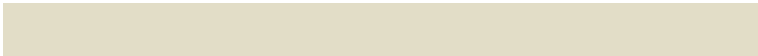
72.4008, 71.8378, 88.6100

Rectangle

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



71.8175, 71.8378, 67.2076



67.4236, 71.8378, 64.0960



64.8600, 71.8378, 90.3722



69.1429, 71.8378, 94.2779

Sweetspot

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



71.8195, 71.8410, 67.2091



90.2428, 93.5623, 97.5044



72.6684, 67.8466, 85.0406



19.1757, 19.8381, 20.5401



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.



71.8195, 71.8410, 67.2091



78.1935, 77.2349, 69.5300



76.8742, 81.9505, 68.8940



16.1457, 16.5045, 16.4844



20.9523, 12.7027, 1.3476



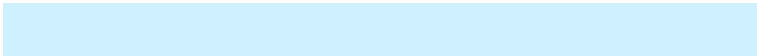
1.8254, 1.2216, 0.1396

Inverse Universe

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



69.5043, 76.3983, 95.0881



75.1027, 83.3130, 106.7304



64.5316, 66.4529, 93.4306



15.8382, 17.1105, 20.1895



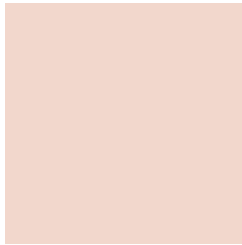
16.6498, 19.5239, 48.0188



1.4701, 1.7942, 4.0231

Previews

White Background



This preview shows how the XYZ color 71.8175, 71.8378, 67.2076 looks on a white background.

Color Contrast Check

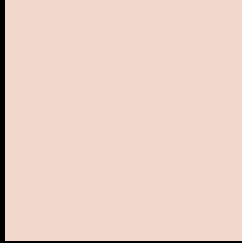
Large Text (above 18pt) WCAG AA × Fail

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 71.8175, 71.8378, 67.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

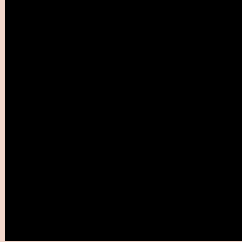
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8175, 71.8378, 67.2076

Background



This preview shows how black text looks on a background with the XYZ color 71.8175, 71.8378, 67.2076.



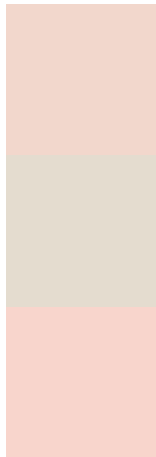
This preview shows how white text looks on a background with the XYZ color 71.8175, 71.8378,

67.2076.

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

71.8175, 71.8378, 67.2076

Protanopia

68.8506, 72.1854, 69.3358

Deuteranopia

73.4047, 71.9046, 67.1369



Tritanopia

74.9540, 71.6024, 83.2689

Trichromacy



Original Color

71.8175, 71.8378, 67.2076

Protanomaly

69.8163, 71.9227, 68.5953

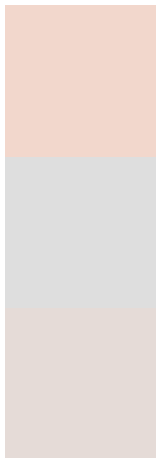
Deuteranomaly

72.9517, 72.0456, 67.1880

Tritanomaly

73.6379, 71.4345, 76.9249

Monochromacy



Original Color

71.8175, 71.8378, 67.2076

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9104, 72.2273, 74.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8175, 71.8378, 67.2076 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(242, 215, 204) looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 204)  
}
```

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(242, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 204) }
```

Border

The CSS property to change the border of an element to XYZ 71.8175, 71.8378, 67.2076 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(242, 215, 204) }
```


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

```
.border{ border-color:rgb(242, 215, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 215, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8175, 71.8378, 67.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 204) }
```

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

```
.background{ background-color: rgb(242,  
215, 204) }
```

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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