

Converting Colors

XYZ(75.6350, 74.9456, 67.0239)

Have a look what the booklet for
XYZ(75.6350, 74.9456, 67.0239)
contains.

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Color

**XYZ(75.6346, 74.9638,
66.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDACB
RGB	251, 218, 203
RGB Percent	98%, 85%, 80%
CMY	0.0157, 0.1451, 0.2039
CMYK	0.00, 0.13, 0.19, 0.02
HSL	19°, 86%, 89%
HSV	19°, 19%, 98%
XYZ	75.6346, 74.9638, 66.9830
YIQ	226.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

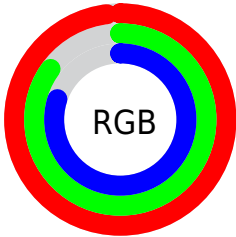
Format	Color
R _Y B	251, 225, 203
Decimal	16505547
CIE Lab	89.38, 9.13, 11.59
CIE LCh	89, 14.751, 51.758
Yxy	74.9638, 0.3476, 0.3445
Android (android.graphics.Color)	4294695627 (0xFFFBDACB)
YUV	226.1570, -11.4164, 21.7873
Hunter-Lab	86.5816, 4.4133, 14.7380

Details

The XYZ color **75.6346, 74.9638, 66.9830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0362, 79.6508, 102.8449**, and the grayscale version is **72.4716, 76.2457, 83.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7701, 39.8336, 33.9736** is the 20% darker color. If you saturate the color by 10%, you get **68.6389, 65.3776, 51.0691**, and if you desaturate by 10%, it is **83.5845, 85.6821, 85.6058**.

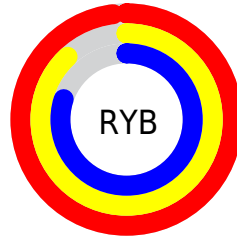
Distribution



Red (98%)

Green (85%)

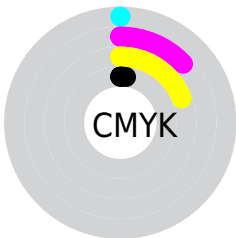
Blue (80%)



Red (98%)

Yellow (88%)

Blue (80%)

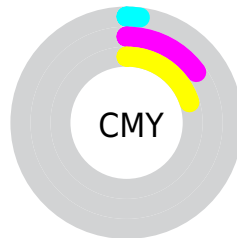


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6346, 74.9638, 66.9830 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 75.6346, 74.9638, 66.9830 by changing the saturation by 10% instead.


 75.6346, 74.9638,
66.9830

 75.6346, 74.9638,
66.9830

469.0596,
477.7931, 468.3841

 56.4289, 55.5832,
48.6093


126.1934,
126.2611, 116.5365

 40.7853, 39.8689,
33.9462


158.2772,
158.9467, 148.5533

 28.3383, 27.4363,
22.5753


195.3844,
196.8360, 185.9550

 18.7226, 17.9012,
14.0779

237.8805,
240.3135, 229.1600

 11.5728, 10.8791,
8.0355

286.1307,
289.7636, 278.5868

 6.5236, 5.9856,
4.0296

340.5003,

 3.2097, 2.8363,

345.5706, 334.6541

1.6416

401.3549,
408.1190, 397.7804

■ 1.2656, 1.0469,
0.3202

■ 0.1572, 0.0000,
0.0000

■ 75.6346, 74.9638,
66.9830

■ 75.6346, 74.9638,
66.9830

■ 68.6389, 65.3776,
51.0691

■ 83.5845, 85.6821,
85.6058

■ 62.5538, 56.8756,
37.7322

■ 92.5178, 97.5581,
107.0515

■ 57.3413, 49.4214,
26.8362

■ 93.5940, 99.2494,
108.8319

■ 52.9581, 42.9725,
18.2306

■ 49.3569, 37.4834,
11.7480

■ 46.4848, 32.9047,
7.1976

■ 44.2812, 29.1816,
4.3540

■ 42.6628, 26.2478,
2.8810

■ 42.5413, 26.0240,
2.7810

Harmonies

Analogous

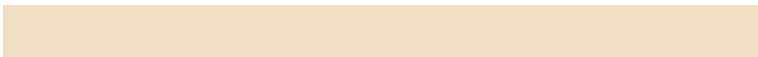
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8944, 74.9638, 74.4729



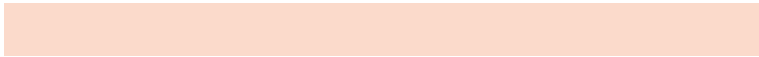
75.6346, 74.9638, 66.9830



72.2506, 74.9638, 63.4861

Triad

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



75.6346, 74.9638, 66.9830



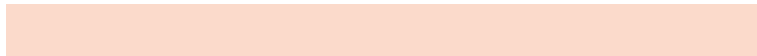
64.5992, 74.9638, 78.8060



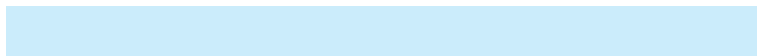
73.8552, 74.9638, 101.5144

Complementary

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



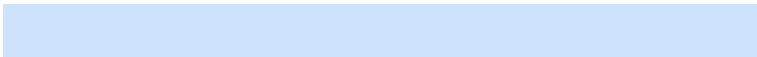
75.6346, 74.9638, 66.9830



72.0362, 79.6508, 102.8449

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.



70.2604, 74.9638, 102.9214



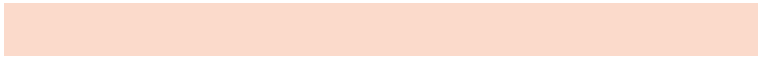
75.6346, 74.9638, 66.9830



64.9962, 74.9638, 89.2164

Square

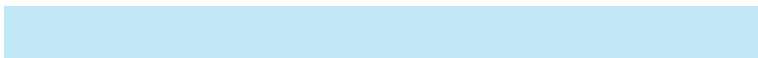
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6346, 74.9638, 66.9830



65.9366, 74.9638, 69.9252



67.0398, 74.9638, 98.2540



76.8432, 74.9638, 94.5573

Rectangle

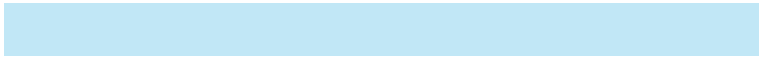
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6346, 74.9638, 66.9830



69.8456, 74.9638, 63.6655



67.0398, 74.9638, 98.2540



72.6748, 74.9638, 102.6743

Sweetspot

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



75.6366, 74.9672, 66.9846



89.4198, 92.5257, 95.3509



76.3681, 69.3132, 89.1693



19.0132, 19.6358, 20.1072



0.0000, 0.0000, 0.0000



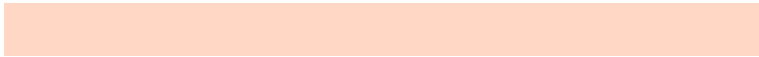
20.3446, 21.4041, 23.3091

Same Dimension

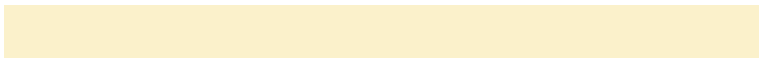
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6366, 74.9672, 66.9846



75.4637, 73.7014, 62.6821



82.1378, 87.9696, 69.1516



17.6873, 18.1104, 18.0258



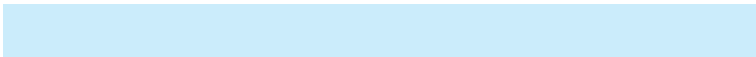
22.4752, 13.9071, 1.4998



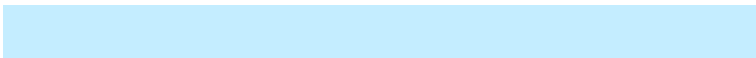
2.1719, 1.4686, 0.1690

Inverse Universe

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



72.0362, 79.6508, 102.8449



71.0938, 79.3781, 106.1822



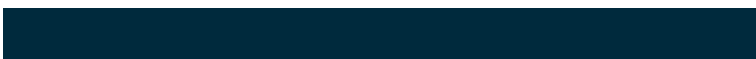
65.7359, 67.0501, 100.7448



17.2814, 18.6395, 22.0723



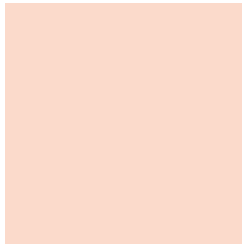
17.0973, 19.5502, 50.8460



1.6781, 1.9999, 4.7408

Previews

White Background



This preview shows how the XYZ color 75.6346, 74.9638, 66.9830 looks on a white background.

Color Contrast Check

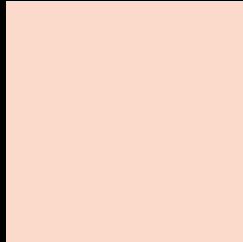
Large Text (above 18pt) WCAG AA × Fail

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 75.6346, 74.9638, 66.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

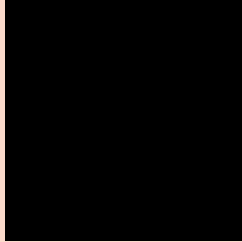
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6346, 74.9638, 66.9830

Background



This preview shows how black text looks on a background with the XYZ color 75.6346, 74.9638, 66.9830.



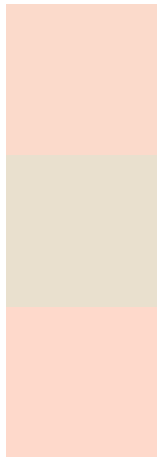
This preview shows how white text looks on a background with the XYZ color 75.6346, 74.9638,

66.9830.

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

75.6346, 74.9638, 66.9830

Protanopia

71.4005, 75.0912, 69.1234

Deuteranopia

76.4654, 75.0083, 66.9478



Tritanopia

79.3434, 74.9335, 85.8831

Trichromacy



Original Color

75.6346, 74.9638, 66.9830

Protanomaly

73.0759, 75.1756, 68.4164

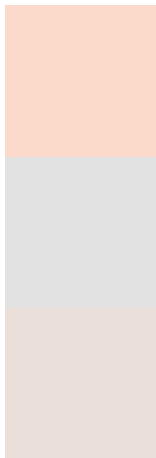
Deuteranomaly

76.1004, 74.8202, 66.9307

Tritanomaly

77.8596, 74.7040, 78.7223

Monochromacy



Original Color

75.6346, 74.9638, 66.9830

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3035, 75.4995, 77.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6346, 74.9638, 66.9830 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(251, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 218, 203)  
}
```

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(251, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 218, 203) }
```

Border

The CSS property to change the border of an element to XYZ 75.6346, 74.9638, 66.9830 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(251, 218, 203) }
```


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

```
.border{ border-color:rgb(251, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 218, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 218, 203); box-shadow:4px 4px 4px 4px rgb(251, 218, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6346, 74.9638, 66.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 218, 203) }
```

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

```
.background{ background-color: rgb(251,  
218, 203) }
```

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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