

Converting Colors

XYZ(81.0467, 75.8700, 61.7163)

Have a look what the booklet for
XYZ(81.0467, 75.8700, 61.7163)
contains.

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Color

**XYZ(74.8846, 72.7886,
61.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C3
RGB	255, 213, 195
RGB Percent	100%, 84%, 76%
CMY	0.0000, 0.1647, 0.2353
CMYK	0.00, 0.16, 0.24, 0.00
HSL	18°, 100%, 88%
HSV	18°, 24%, 100%
XYZ	74.8846, 72.7886, 61.7325
YIQ	223.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

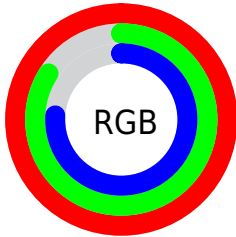
Format	Color
R _Y B	255, 221, 195
Decimal	16766403
CIE Lab	88.35, 12.03, 14.38
CIE LCh	88, 18.746, 50.078
Yxy	72.7886, 0.3576, 0.3476
Android (android.graphics.Color)	4294956483 (0xFFFFD5C3)
YUV	223.5060, -14.0535, 27.6202
Hunter-Lab	85.3162, 7.3714, 16.8207

Details

The XYZ color **74.8846, 72.7886, 61.7325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8390, 79.3880, 106.1976**, and the grayscale version is **70.5822, 74.2580, 80.8670**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **40.3233, 38.3826, 30.4826** is the 20% darker color. If you saturate the color by 10%, you get **67.9992, 63.2446, 46.4070**, and if you desaturate by 10%, it is **82.7599, 83.5241, 79.8188**.

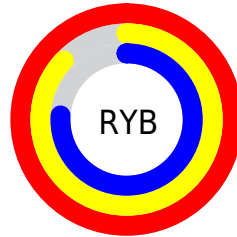
Distribution



Red (100%)

Green (84%)

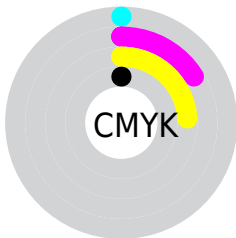
Blue (76%)



Red (100%)

Yellow (87%)

Blue (76%)

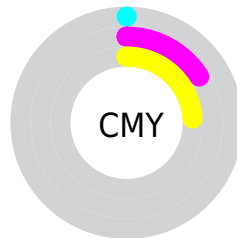


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8846, 72.7886, 61.7325 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 74.8846, 72.7886, 61.7325 by changing the saturation by 10% instead.


 74.8846, 72.7886,
61.7325

 74.8846, 72.7886,
61.7325


466.5241,
470.2818, 448.9354

 55.8122, 53.8031,
44.3822

125.1378,
123.1771, 108.9067

 40.2888, 38.4443,
30.6317


157.0493,
155.3488, 139.5676

 27.9490, 26.3277,
20.0624

193.9712,
192.6848, 175.5025

 18.4275, 17.0689,
12.2559

236.2688,
235.5694, 217.1299

 11.3589, 10.2837,
6.7936

284.3076,
284.3870, 264.8684

 6.3778, 5.5874,
3.2568

338.4528,

 3.1190, 2.5959,

339.5220, 319.1364

1.2272

399.0699,
401.3588, 380.3525

■ 1.2170, 0.9246,
0.0010

■ 0.1197, 0.0000,
0.0000

■ 74.8846, 72.7886,
61.7325

■ 74.8846, 72.7886,
61.7325

■ 67.9992, 63.2446,
46.4070

■ 82.7599, 83.5241,
79.8188

■ 62.0577, 54.8407,
33.7007

■ 91.6584, 95.4811,
100.7889

■ 57.0178, 47.5356,
23.4664

95.0500, 100.0000,
108.9000

■ 52.8316, 41.2819,
15.5400

■ 49.4467, 36.0282,
9.7374

■ 46.8036, 31.7186,
5.8461

■ 44.8329, 28.2901,
3.6077

■ 43.8605, 26.5010,
2.8035

Harmonies

Analogous

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



77.6303, 72.7886, 71.0502



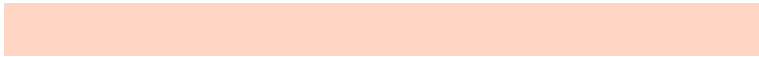
74.8846, 72.7886, 61.7325



70.6847, 72.7886, 57.2698

Triad

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



74.8846, 72.7886, 61.7325



61.0074, 72.7886, 75.0617



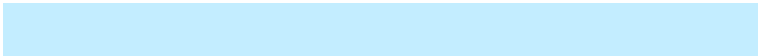
72.1957, 72.7886, 104.8745

Complementary

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



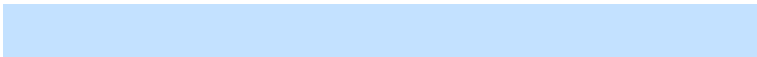
74.8846, 72.7886, 61.7325



70.8390, 79.3880, 106.1976

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.



67.7035, 72.7886, 106.2485



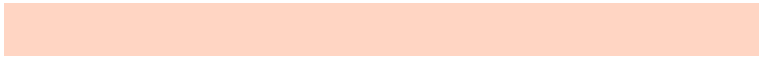
74.8846, 72.7886, 61.7325



61.3725, 72.7886, 88.0671

Square

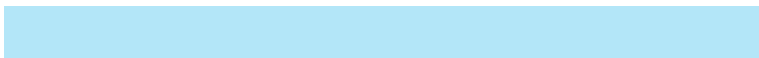
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8846, 72.7886, 61.7325



62.7590, 72.7886, 64.3950



63.7791, 72.7886, 99.8129



76.0319, 72.7886, 96.2401

Rectangle

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



74.8846, 72.7886, 61.7325



67.6807, 72.7886, 57.2792



63.7791, 72.7886, 99.8129



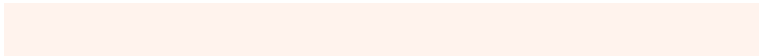
70.7081, 72.7886, 106.2344

Sweetspot

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



74.8863, 72.7918, 61.7340



88.4511, 91.1894, 93.1752



76.0416, 66.4054, 88.9308



18.8156, 19.3618, 19.6678



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.



74.8863, 72.7918, 61.7340



71.6874, 68.3790, 54.5480



83.1412, 89.3016, 64.4856



18.4537, 18.8755, 18.8151



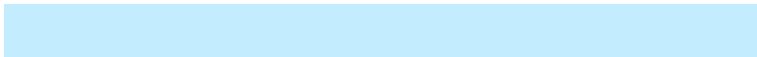
23.0313, 14.0739, 1.5026



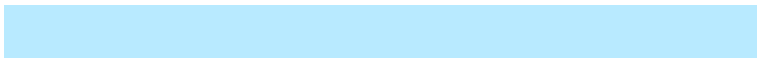
2.3332, 1.5518, 0.1766

Inverse Universe

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



70.8390, 79.3880, 106.1976



67.0231, 75.9644, 105.7378



62.8692, 63.4486, 103.5410



18.0677, 19.5070, 23.0629



17.9371, 20.7838, 52.5009



1.8423, 2.2152, 5.1438

Previews

White Background



This preview shows how the XYZ color 74.8846, 72.7886, 61.7325 looks on a white background.

Color Contrast Check

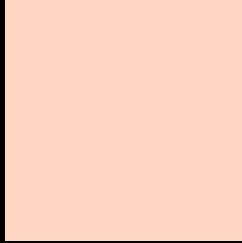
Large Text (above 18pt) WCAG AA × Fail

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 74.8846, 72.7886, 61.7325 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 74.8846, 72.7886, 61.7325

Background



This preview shows how black text looks on a background with the XYZ color 74.8846, 72.7886, 61.7325.



This preview shows how white text looks on a background with the XYZ color 74.8846, 72.7886,

61.7325.

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

74.8846, 72.7886, 61.7325

Protanopia

69.1203, 72.8253, 64.4465

Deuteranopia

74.4049, 72.9159, 61.7824



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

74.8846, 72.7886, 61.7325

Protanomaly

71.1996, 72.7453, 63.7147

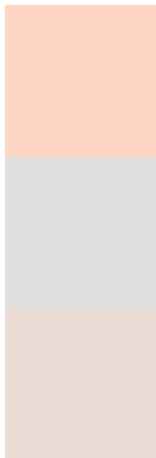
Deuteranomaly

74.7699, 73.1041, 61.7995

Tritanomaly

76.6719, 72.7036, 73.6105

Monochromacy



Original Color

74.8846, 72.7886, 61.7325

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8644, 73.6527, 73.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8846, 72.7886, 61.7325 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, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 195)  
}
```

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, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 74.8846, 72.7886, 61.7325 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, 213, 195) }
```


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

```
.border{ border-color:rgb(255, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8846, 72.7886, 61.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 195) }
```

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

```
.background{ background-color: rgb(255,  
213, 195) }
```

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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