

Converting Colors

XYZ(88.7822, 81.1267, 67.7189)

Have a look what the booklet for
XYZ(88.7822, 81.1267, 67.7189)
contains.

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Color

**XYZ(76.5754, 74.6835,
66.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8CB
RGB	255, 216, 203
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1529, 0.2039
CMYK	0.00, 0.15, 0.20, 0.00
HSL	15°, 100%, 90%
HSV	15°, 20%, 100%
XYZ	76.5754, 74.6835, 66.8793
YIQ	226.1790, 27.4170, 4.2250

Conversions

Conversions Part 2

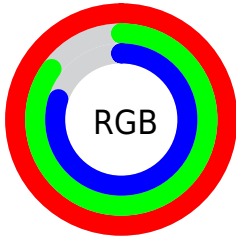
Format	Color
R _Y B	255, 220, 203
Decimal	16767179
CIE Lab	89.24, 11.61, 11.45
CIE LCh	89, 16.304, 44.592
Yxy	74.6835, 0.3510, 0.3424
Android (android.graphics.Color)	4294957259 (0xFFFFD8CB)
YUV	226.1790, -11.4272, 25.2760
Hunter-Lab	86.4196, 6.9324, 14.6098

Details

The XYZ color **76.5754, 74.6835, 66.8793** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4298, 83.4183, 106.7862**, and the grayscale version is **72.4859, 76.2608, 83.0480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4584, 39.6654, 33.9049** is the 20% darker color. If you saturate the color by 10%, you get **69.1657, 64.3340, 50.6299**, and if you desaturate by 10%, it is **85.0585, 86.3797, 85.9543**.

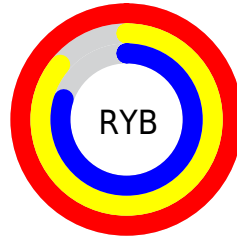
Distribution



Red (100%)

Green (85%)

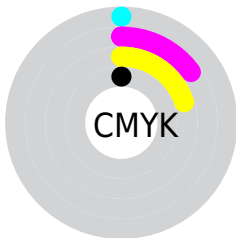
Blue (80%)



Red (100%)

Yellow (86%)

Blue (80%)

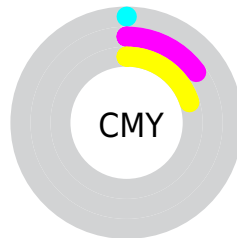


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5754, 74.6835, 66.8793 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 76.5754, 74.6835, 66.8793 by changing the saturation by 10% instead.


 76.5754, 74.6835,
66.8793

 76.5754, 74.6835,
66.8793


472.2293,
476.8290, 468.0048

 57.2032, 55.3536,
48.5256


127.5160,
125.8642, 116.3864

 41.4092, 39.6849,
33.8803


159.8150,
158.4839, 148.3769

 28.8280, 27.2930,
22.5251


197.1537,
196.3023, 185.7501

 19.0944, 17.7934,
14.0412

239.8974,
239.7038, 228.9245

 11.8429, 10.8017,
8.0103

288.4114,
289.0729, 278.3186

 6.7082, 5.9337,
4.0136

343.0612,

 3.3250, 2.8048,

344.7938, 334.3510

1.6328

404.2120,
407.2511, 397.4402

■ 1.3279, 1.0307,
0.3141

■ 0.2039, 0.0000,
0.0000

■ 76.5754, 74.6835,
66.8793

■ 76.5754, 74.6835,
66.8793

■ 69.1657, 64.3340,
50.6299

■ 85.0585, 86.3797,
85.9543

■ 62.7805, 55.2728,
37.0663

94.6513, 99.4591,
107.9761

■ 57.3744, 47.4514,
26.0439

95.0500, 100.0000,
108.9000

■ 52.8965, 40.8146,
17.4024

■ 49.2911, 35.3026,
10.9631

■ 46.4957, 30.8503,
6.5219

■ 44.4386, 27.3850,
3.8354

■ 43.0607, 24.9014,
2.5369

Harmonies

Analogous

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



78.6518, 74.6835, 75.9194



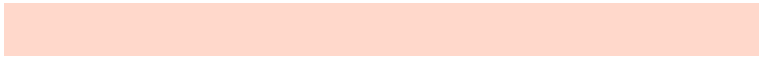
76.5754, 74.6835, 66.8793



73.0374, 74.6835, 61.9637

Triad

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



76.5754, 74.6835, 66.8793



63.8586, 74.6835, 75.6319



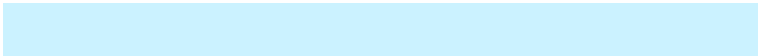
72.9302, 74.6835, 104.4279

Complementary

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



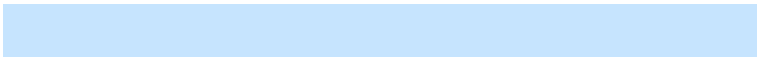
76.5754, 74.6835, 66.8793



74.4298, 83.4183, 106.7862

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.



68.9703, 74.6835, 104.3325



76.5754, 74.6835, 66.8793



63.8323, 74.6835, 86.9659

Square

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



76.5754, 74.6835, 66.8793



65.7456, 74.6835, 66.6859



65.6724, 74.6835, 97.6974



76.4944, 74.6835, 97.9469

Rectangle

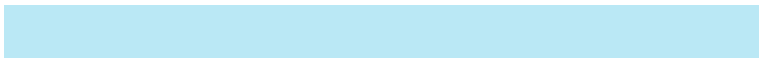
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5754, 74.6835, 66.8793



70.3734, 74.6835, 61.3671



65.6724, 74.6835, 97.6974



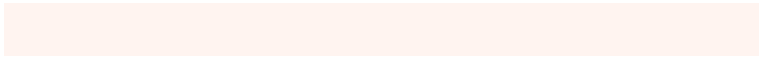
71.5990, 74.6835, 105.1819

Sweetspot

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



76.5771, 74.6867, 66.8808



89.1320, 91.9502, 95.2550



78.6234, 70.3835, 93.4462



18.9453, 19.5001, 20.0846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

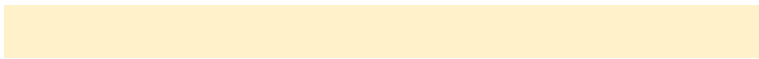
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5771, 74.6867, 66.8808



73.7816, 70.7989, 60.6981



83.7719, 89.0764, 69.2791



18.3784, 18.7250, 18.7900



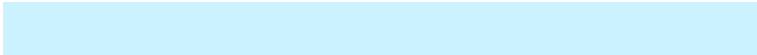
22.5988, 13.2089, 1.3585



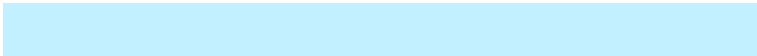
2.2826, 1.4505, 0.1597

Inverse Universe

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



74.4298, 83.4183, 106.7862



71.3170, 80.8032, 106.4455



67.2352, 69.0291, 104.3880



18.1476, 19.6667, 23.0895



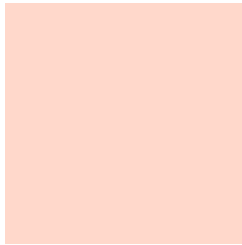
19.3171, 23.5437, 52.9609



1.9674, 2.4654, 5.1855

Previews

White Background



This preview shows how the XYZ color 76.5754, 74.6835, 66.8793 looks on a white background.

Color Contrast Check

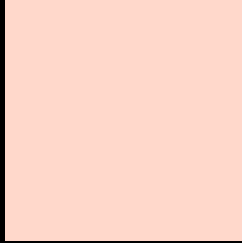
Large Text (above 18pt) WCAG AA × Fail

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 76.5754, 74.6835, 66.8793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

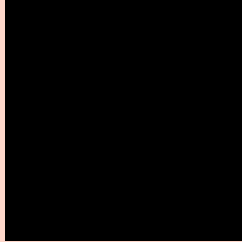
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5754, 74.6835, 66.8793

Background



This preview shows how black text looks on a background with the XYZ color 76.5754, 74.6835, 66.8793.

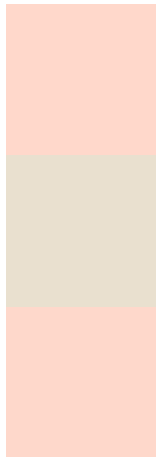


This preview shows how white text looks on a background with the XYZ color 76.5754, 74.6835,

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

76.5754, 74.6835, 66.8793

Protanopia

71.5224, 75.1399, 69.7653

Deuteranopia

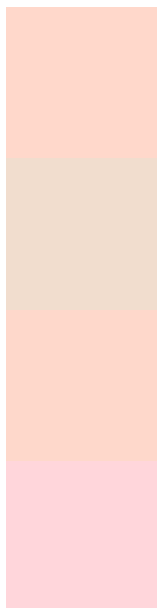
76.2084, 74.4944, 66.8621



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.5754, 74.6835, 66.8793

Protanomaly

73.2727, 74.8699, 68.9820

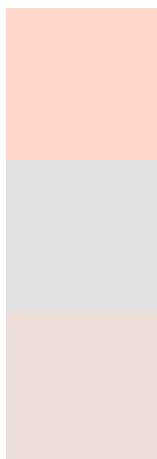
Deuteranomaly

76.2084, 74.4944, 66.8621

Tritanomaly

78.0728, 74.4676, 77.2766

Monochromacy



Original Color

76.5754, 74.6835, 66.8793

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7012, 75.3090, 76.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5754, 74.6835, 66.8793 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, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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(255, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 203) }
```

Border

The CSS property to change the border of an element to XYZ 76.5754, 74.6835, 66.8793 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, 216, 203) }
```


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

```
.border{ border-color:rgb(255, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5754, 74.6835, 66.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 203) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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