

Converting Colors

XYZ(120.9733, 100.0000,
74.0617)

Have a look what the booklet for
XYZ(120.9733, 100.0000, 74.0617)
contains.

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Color

**XYZ(79.2605, 78.6885,
71.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD2
RGB	255, 223, 210
RGB Percent	100%, 87%, 82%
CMY	0.0000, 0.1255, 0.1765
CMYK	0.00, 0.13, 0.18, 0.00
HSL	17°, 100%, 91%
HSV	17°, 18%, 100%
XYZ	79.2605, 78.6885, 71.9837
YIQ	231.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

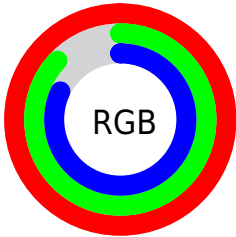
Format	Color
R _Y B	255, 228, 210
Decimal	16768978
CIE Lab	91.09, 9.02, 10.41
CIE LCh	91, 13.776, 49.110
Yxy	78.6885, 0.3447, 0.3422
Android (android.graphics.Color)	4294959058 (0xFFFFDFD2)
YUV	231.0860, -10.3954, 20.9726
Hunter-Lab	88.7065, 4.2557, 13.9818

Details

The XYZ color **79.2605, 78.6885, 71.9837** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3796, 84.4234, 106.8775**, and the grayscale version is **76.0841, 80.0464, 87.1706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2921, 42.4113, 37.3570** is the 20% darker color. If you saturate the color by 10%, you get **71.7460, 68.3450, 55.0341**, and if you desaturate by 10%, it is **87.8038, 90.2788, 91.7756**.

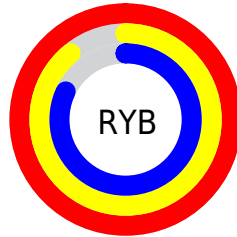
Distribution



Red (100%)

Green (87%)

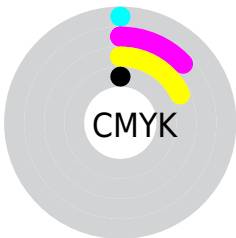
Blue (82%)



Red (100%)

Yellow (89%)

Blue (82%)

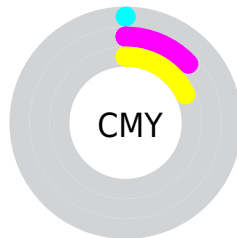


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2605, 78.6885, 71.9837 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 79.2605, 78.6885, 71.9837 by changing the saturation by 10% instead.


 79.2605, 78.6885,
71.9837

 79.2605, 78.6885,
71.9837


481.2117,
490.5019, 486.4609

 59.4164, 58.6397,
52.6586


131.2815,
131.5202, 123.7409

 43.1961, 42.3232,
37.1444


164.1891,
165.0720, 157.0100

 30.2342, 29.3544,
25.0227


202.1820,
203.8936, 195.7643

 20.1653, 19.3491,
15.8748

245.6254,
248.3693, 240.4221

 12.6243, 11.9228,
9.2822

294.8847,
298.8836, 291.4022

 7.2455, 6.6911,
4.8264

350.3253,

 3.6638, 3.2697,

355.8209, 349.1230

2.0888

412.3125,
419.5655, 414.0030

■ 1.5138, 1.2741,
0.6091

■ 0.3352, 0.1210,
0.0000

■ 79.2605, 78.6885,
71.9837

■ 79.2605, 78.6885,
71.9837

■ 71.7460, 68.3450,
55.0341

■ 87.8038, 90.2788,
91.7756

■ 65.2145, 59.1959,
40.7904

95.0500, 100.0000,
108.9000

■ 59.6248, 51.2002,
29.1125

■ 54.9307, 44.3104,
19.8454

■ 51.0815, 38.4755,
12.8173

■ 48.0211, 33.6405,
7.8334

■ 45.6853, 29.7443,
4.6646

■ 43.9946, 26.7166,
3.0104

■ 43.6685, 26.1170,
2.7395

Harmonies

Analogous

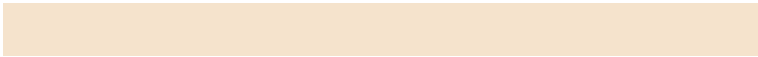
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2981, 78.6885, 79.5524



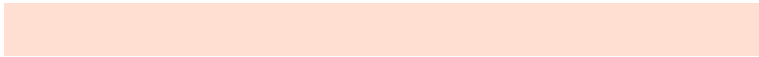
79.2605, 78.6885, 71.9837



76.0633, 78.6885, 68.1930

Triad

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



79.2605, 78.6885, 71.9837



68.4065, 78.6885, 82.1062



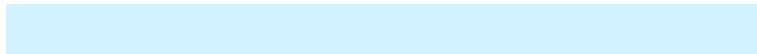
77.0047, 78.6885, 105.1058

Complementary

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



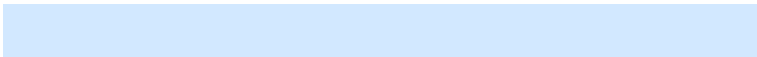
79.2605, 78.6885, 71.9837



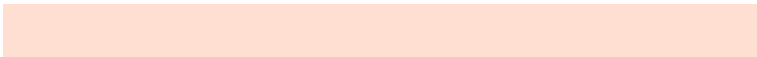
76.3796, 84.4234, 106.8775

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.



73.5331, 78.6885, 105.9232



79.2605, 78.6885, 71.9837



68.6408, 78.6885, 92.1111

Square

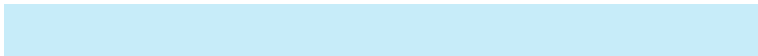
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2605, 78.6885, 71.9837



69.8425, 78.6885, 73.7282



70.4929, 78.6885, 101.0084



79.9680, 78.6885, 98.8548

Rectangle

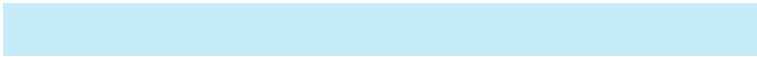
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2605, 78.6885, 71.9837



73.7359, 78.6885, 68.1041



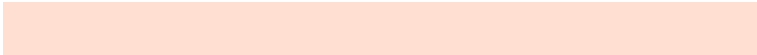
70.4929, 78.6885, 101.0084



75.8562, 78.6885, 106.0424

Sweetspot

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



79.2624, 78.6919, 71.9853



90.2405, 93.5577, 97.5037



80.3517, 73.7799, 94.2077



19.1751, 19.8370, 20.5399



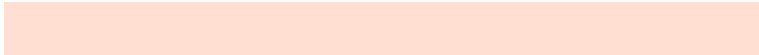
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.2624, 78.6919, 71.9853



76.6294, 75.0858, 65.9905



85.6013, 91.3696, 74.0983



18.4370, 18.8421, 18.8095



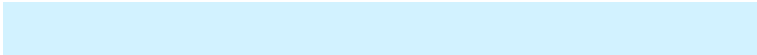
22.9279, 13.8671, 1.4682



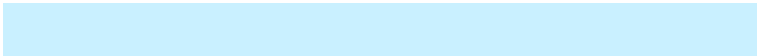
2.3214, 1.5281, 0.1726

Inverse Universe

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



76.3796, 84.4234, 106.8775



73.2787, 81.7402, 106.5230



70.1568, 71.9778, 104.8032



18.0854, 19.5423, 23.0688



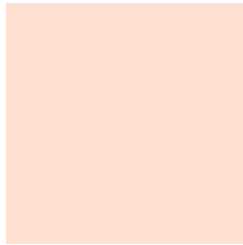
18.2326, 21.3749, 52.5994



1.8692, 2.2691, 5.1527

Previews

White Background



This preview shows how the XYZ color 79.2605, 78.6885, 71.9837 looks on a white background.

Color Contrast Check

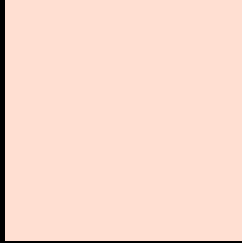
Large Text (above 18pt) WCAG AA × Fail

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 79.2605, 78.6885, 71.9837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

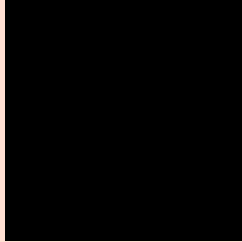
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2605, 78.6885, 71.9837

Background



This preview shows how black text looks on a background with the XYZ color 79.2605, 78.6885, 71.9837.

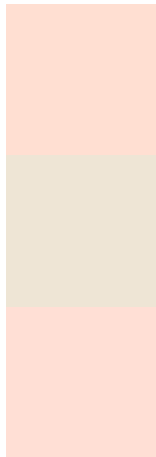


This preview shows how white text looks on a background with the XYZ color 79.2605, 78.6885,

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

79.2605, 78.6885, 71.9837

Protanopia

75.2894, 79.0199, 74.2350

Deuteranopia

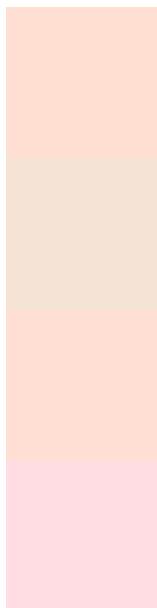
79.6379, 78.8394, 73.9710



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

79.2605, 78.6885, 71.9837

Protanomaly

76.6610, 78.9247, 73.4809

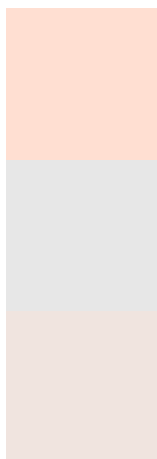
Deuteranomaly

79.5113, 78.7888, 73.3044

Tritanomaly

80.8239, 78.4639, 82.8367

Monochromacy



Original Color

79.2605, 78.6885, 71.9837

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9979, 79.3398, 81.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2605, 78.6885, 71.9837 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, 223, 210) looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 210)  
}
```

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, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.2605, 78.6885, 71.9837 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, 223, 210) }
```


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

```
.border{ border-color:rgb(255, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2605, 78.6885, 71.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 210) }
```

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

```
.background{ background-color: rgb(255,  
223, 210) }
```

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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