

Converting Colors

XYZ(77.1390, 76.1897, 65.8994)

Have a look what the booklet for
XYZ(77.1390, 76.1897, 65.8994)
contains.

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Color

**XYZ(77.1141, 76.1401,
65.8905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC9
RGB	255, 219, 201
RGB Percent	100%, 86%, 79%
CMY	0.0000, 0.1412, 0.2118
CMYK	0.00, 0.14, 0.21, 0.00
HSL	20°, 100%, 89%
HSV	20°, 21%, 100%
XYZ	77.1141, 76.1401, 65.8905
YIQ	227.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

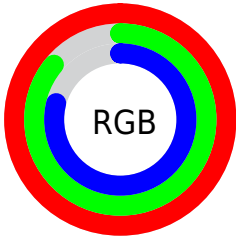
Format	Color
R _Y B	255, 228, 201
Decimal	16767945
CIE Lab	89.92, 9.77, 13.46
CIE LCh	90, 16.632, 54.031
Yxy	76.1401, 0.3519, 0.3474
Android (android.graphics.Color)	4294958025 (0xFFFFDBC9)
YUV	227.7120, -13.1690, 23.9316
Hunter-Lab	87.2583, 5.0465, 16.3097

Details

The XYZ color **77.1141, 76.1401, 65.8905** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4207, 80.2034, 106.2716**, and the grayscale version is **73.6132, 77.4468, 84.3396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8306, 40.6633, 33.2478** is the 20% darker color. If you saturate the color by 10%, you get **70.1498, 66.6201, 49.9779**, and if you desaturate by 10%, it is **85.0330, 86.7717, 84.5799**.

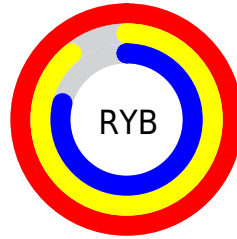
Distribution



Red (100%)

Green (86%)

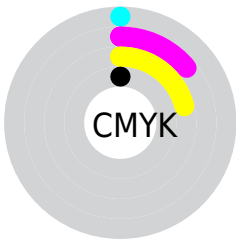
Blue (79%)



Red (100%)

Yellow (89%)

Blue (79%)

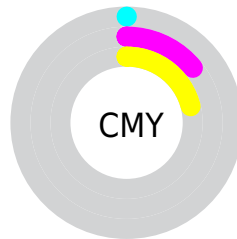


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1141, 76.1401, 65.8905 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 77.1141, 76.1401, 65.8905 by changing the saturation by 10% instead.

 77.1141, 76.1401,
65.8905

 77.1141, 76.1401,
65.8905


474.0389,
481.8272, 464.3787

 57.6468, 56.5474,
47.7276


128.2725,
127.9249, 114.9547

 41.7669, 40.6420,
33.2528


160.6943,
160.8858, 146.6930

 29.1091, 28.0394,
22.0474


198.1650,
199.0716, 183.7936

 19.3081, 18.3554,
13.6931

241.0499,
242.8666, 226.6749

 11.9984, 11.2054,
7.7712

289.7144,
292.6553, 275.7555

 6.8148, 6.2052,
3.8632

344.5238,

 3.3918, 2.9702,

348.8220, 331.4540

1.5506

405.8436,
411.7512, 394.1889

■ 1.3642, 1.1162,
0.2552

■ 0.2305, 0.0000,
0.0000

■ 77.1141, 76.1401,
65.8905

■ 77.1141, 76.1401,
65.8905

■ 70.1498, 66.6201,
49.9779

■ 85.0330, 86.7717,
84.5799

■ 64.0965, 58.1647,
36.7035

■ 93.9367, 98.5398,
106.1659

■ 58.9151, 50.7383,
25.9239

95.0500, 100.0000,
108.9000

■ 54.5614, 44.2993,
17.4797

■ 50.9870, 38.8031,
11.1933

■ 48.1373, 34.2009,
6.8608

■ 45.9491, 30.4388,
4.2382

■ 44.4904, 27.7609,
3.0135

Harmonies

Analogous

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



79.8350, 76.1401, 74.0180



77.1141, 76.1401, 65.8905



73.1945, 76.1401, 62.3556

Triad

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



77.1141, 76.1401, 65.8905



64.7847, 76.1401, 80.5704



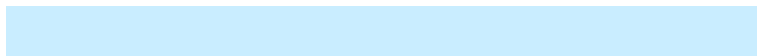
75.6375, 76.1401, 105.3584

Complementary

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



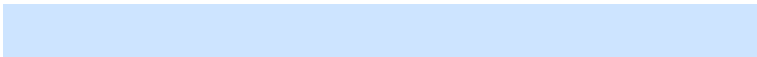
77.1141, 76.1401, 65.8905



72.4207, 80.2034, 106.2716

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.



71.5495, 76.1401, 107.5323



77.1141, 76.1401, 65.8905



65.3834, 76.1401, 92.4734

Square

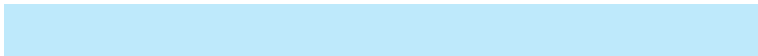
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1141, 76.1401, 65.8905



66.1551, 76.1401, 70.2992



67.8224, 76.1401, 102.6189



78.9601, 76.1401, 96.9312

Rectangle

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



77.1141, 76.1401, 65.8905



70.4684, 76.1401, 62.8140



67.8224, 76.1401, 102.6189



74.3032, 76.1401, 106.8761

Sweetspot

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



77.1160, 76.1435, 65.8921



89.5160, 92.7182, 95.3830



77.4132, 69.1485, 89.3881



19.0359, 19.6813, 20.1148



0.0000, 0.0000, 0.0000



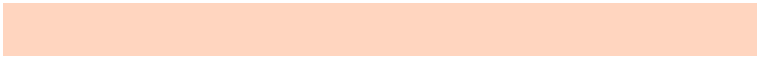
20.3446, 21.4041, 23.3091

Same Dimension

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



77.1160, 76.1435, 65.8921



74.3417, 72.3730, 59.4857



84.7387, 91.3888, 68.4330



18.5042, 18.9765, 18.8319



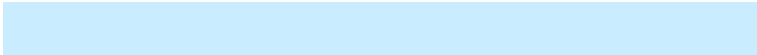
23.3692, 14.7495, 1.6153



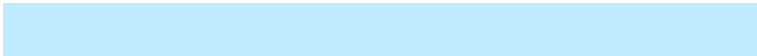
2.3710, 1.6274, 0.1892

Inverse Universe

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



72.4207, 80.2034, 106.2716



68.9487, 77.0287, 105.8418



65.1848, 65.7316, 103.8596



18.0147, 19.4010, 23.0452



17.0832, 19.0760, 52.2162



1.7639, 2.0585, 5.1176

Previews

White Background



This preview shows how the XYZ color 77.1141, 76.1401, 65.8905 looks on a white background.

Color Contrast Check

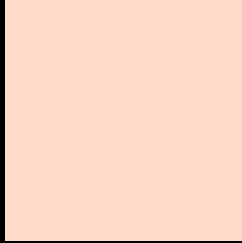
Large Text (above 18pt) WCAG AA × Fail

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 77.1141, 76.1401, 65.8905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

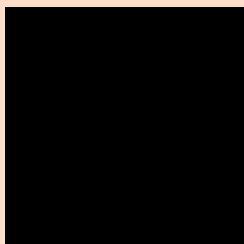
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1141, 76.1401, 65.8905

Background



This preview shows how black text looks on a background with the XYZ color 77.1141, 76.1401, 65.8905.

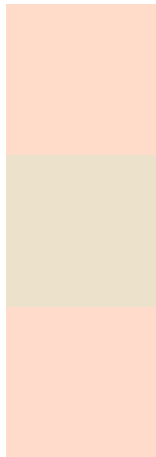


This preview shows how white text looks on a background with the XYZ color 77.1141, 76.1401,

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

77.1141, 76.1401, 65.8905

Protanopia

72.6875, 76.5852, 68.0781

Deuteranopia

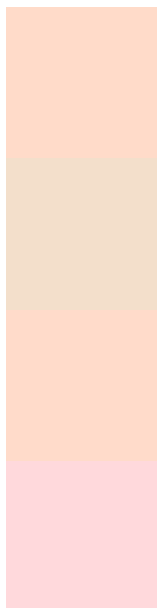
77.3510, 76.2348, 67.1379



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

77.1141, 76.1401, 65.8905

Protanomaly

74.1293, 76.1418, 67.2897

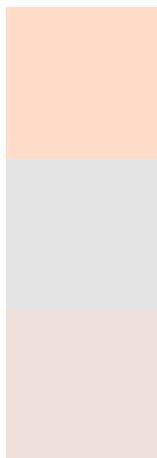
Deuteranomaly

77.2322, 76.1873, 66.5122

Tritanomaly

78.9711, 76.0530, 78.2276

Monochromacy



Original Color

77.1141, 76.1401, 65.8905

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.8400, 77.0895, 77.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1141, 76.1401, 65.8905 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, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 201)  
}
```

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, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 77.1141, 76.1401, 65.8905 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, 219, 201) }
```


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

```
.border{ border-color:rgb(255, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1141, 76.1401, 65.8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 201) }
```

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

```
.background{ background-color: rgb(255,  
219, 201) }
```

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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