

Converting Colors

XYZ(76.7255, 75.5729, 65.1775)

Have a look what the booklet for
XYZ(76.7255, 75.5729, 65.1775)
contains.

XYZ(76.7367, 75.5729, 65.1862)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.7367, 75.5729,
65.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC8
RGB	255, 218, 200
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1451, 0.2157
CMYK	0.00, 0.15, 0.22, 0.00
HSL	20°, 100%, 89%
HSV	20°, 22%, 100%
XYZ	76.7367, 75.5729, 65.1862
YIQ	227.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

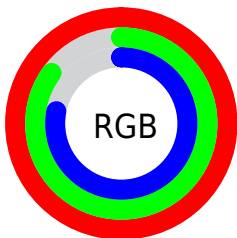
Format	Color
R _Y B	255, 227, 200
Decimal	16767688
CIE Lab	89.66, 10.14, 13.61
CIE LCh	90, 16.975, 53.305
Yxy	75.5729, 0.3528, 0.3475
Android (android.graphics.Color)	4294957768 (0xFFFFDAC8)
YUV	227.0110, -13.3164, 24.5464
Hunter-Lab	86.9327, 5.4323, 16.3944

Details

The XYZ color **76.7367, 75.5729, 65.1862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1528, 80.0654, 106.2591**, and the grayscale version is **73.1028, 76.9099, 83.7549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5742, 40.2755, 32.7769** is the 20% darker color. If you saturate the color by 10%, you get **69.7816, 66.0408, 49.3706**, and if you desaturate by 10%, it is **84.6529, 86.2311, 83.7761**.

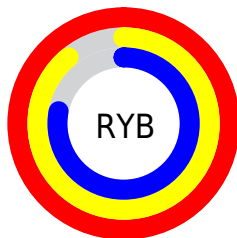
Distribution



Red (100%)

Green (85%)

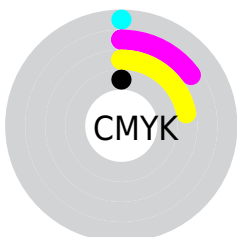
Blue (78%)



Red (100%)

Yellow (89%)

Blue (78%)

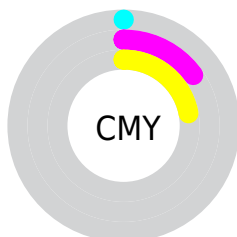


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7367, 75.5729, 65.1862 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 76.7367, 75.5729, 65.1862 by changing the saturation by 10% instead.

76.7367, 75.5729,
65.1862

76.7367, 75.5729,
65.1862

472.7715,
479.8844, 461.7853

57.3360, 56.0824,
47.1598

127.7426,
127.1230, 113.9334

41.5162, 40.2690,
32.8067

160.0784,
159.9513, 145.4912

28.9121, 27.7483,
21.7085

197.4566,
197.9944, 182.3965

19.1583, 18.1360,
13.4466

240.2427,
241.6366, 225.0679

11.8894, 11.0477,
7.6025

288.8018,
291.2623, 273.9240

6.7401, 6.0989,
3.7575

343.4994,

3.3450, 2.9053,

347.2559, 329.3832

1.4933

404.7009,
410.0018, 391.8641

■ 1.3387, 1.0825,
0.2129

■ 0.2119, 0.0000,
0.0000

■ 76.7367, 75.5729,
65.1862

■ 76.7367, 75.5729,
65.1862

■ 69.7816, 66.0408,
49.3706

■ 84.6529, 86.2311,
83.7761

■ 63.7436, 57.5872,
36.1903

■ 93.5609, 98.0412,
105.2609

■ 58.5830, 50.1753,
25.5011

■ 95.0500, 100.0000,
108.9000

■ 54.2551, 43.7627,
17.1432

■ 50.7107, 38.3035,
10.9376

■ 47.8945, 33.7479,
6.6792

■ 45.7422, 30.0403,
4.1216

■ 44.3699, 27.5199,
2.9733

Harmonies

Analogous

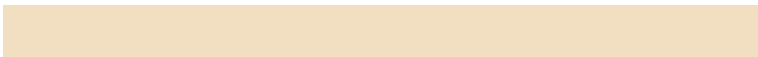
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4614, 75.5729, 73.5172



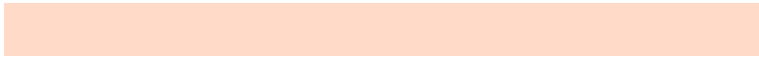
76.7367, 75.5729, 65.1862



72.7702, 75.5729, 61.4901

Triad

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



76.7367, 75.5729, 65.1862



64.1446, 75.5729, 79.6336



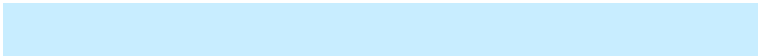
75.0544, 75.5729, 105.2704

Complementary

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



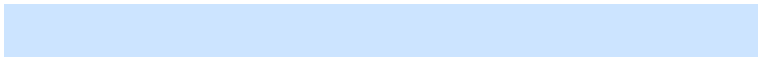
76.7367, 75.5729, 65.1862



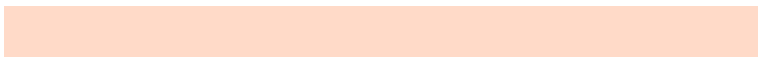
72.1528, 80.0654, 106.2591

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.



70.8975, 75.5729, 107.3103



76.7367, 75.5729, 65.1862



64.7031, 75.5729, 91.7258

Square

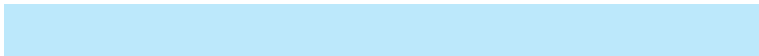
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7367, 75.5729, 65.1862



65.5804, 75.5729, 69.2924



67.1366, 75.5729, 102.1418



78.4641, 75.5729, 96.8102

Rectangle

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



76.7367, 75.5729, 65.1862



69.9972, 75.5729, 61.8701



67.1366, 75.5729, 102.1418



73.6941, 75.5729, 106.7614

Sweetspot

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



76.7385, 75.5762, 65.1878



89.4880, 92.6621, 95.3737



77.2662, 68.7180, 89.7603



19.0293, 19.6680, 20.1126



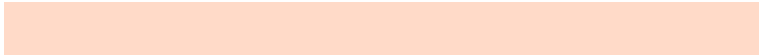
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.7385, 75.5762, 65.1878



73.5393, 71.2142, 57.8433



84.2928, 90.6848, 67.7059



18.4950, 18.9581, 18.8288



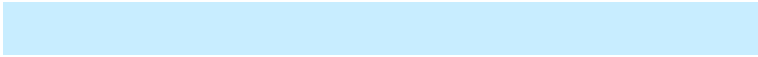
23.3047, 14.6206, 1.5938



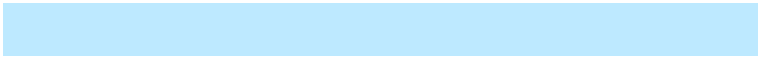
2.3639, 1.6132, 0.1868

Inverse Universe

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



72.1528, 80.0654, 106.2591



68.1846, 76.4459, 105.7696



64.9374, 65.6347, 103.8539



18.0243, 19.4203, 23.0484



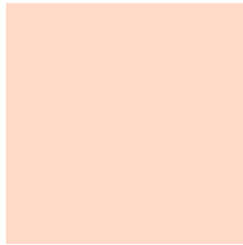
17.2346, 19.3789, 52.2667



1.7779, 2.0864, 5.1223

Previews

White Background



This preview shows how the XYZ color 76.7367, 75.5729, 65.1862 looks on a white background.

Color Contrast Check

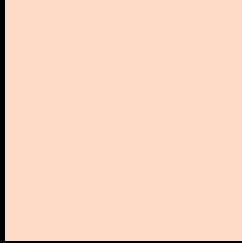
Large Text (above 18pt) WCAG AA × Fail

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 76.7367, 75.5729, 65.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

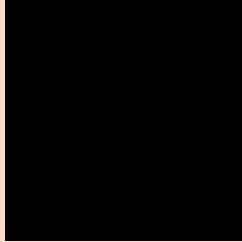
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7367, 75.5729, 65.1862

Background



This preview shows how black text looks on a background with the XYZ color 76.7367, 75.5729, 65.1862.



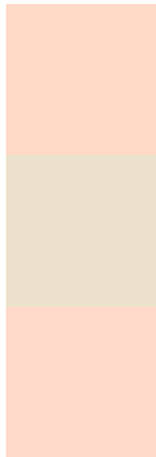
This preview shows how white text looks on a background with the XYZ color 76.7367, 75.5729,

65.1862.

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

76.7367, 75.5729, 65.1862

Protanopia

72.0852, 75.8722, 67.9722

Deuteranopia

76.9721, 75.6671, 66.4255



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

76.7367, 75.5729, 65.1862

Protanomaly

73.5187, 75.4316, 67.1848

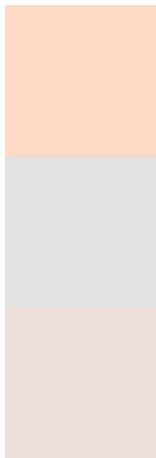
Deuteranomaly

76.8540, 75.6199, 65.8038

Tritanomaly

78.5820, 75.4862, 77.4464

Monochromacy



Original Color

76.7367, 75.5729, 65.1862

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.1051, 76.3256, 76.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7367, 75.5729, 65.1862 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, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 200)  
}
```

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, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 200) }
```

Border

The CSS property to change the border of an element to XYZ 76.7367, 75.5729, 65.1862 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, 218, 200) }
```


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

```
.border{ border-color:rgb(255, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7367, 75.5729, 65.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 200) }
```

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

```
.background{ background-color: rgb(255,  
218, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor