

Converting Colors

XYZ(96.1907, 84.6668, 67.0258)

Have a look what the booklet for
XYZ(96.1907, 84.6668, 67.0258)
contains.

XYZ(76.4565, 74.6360, 66.2536)	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(76.4565, 74.6360,
66.2536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8CA
RGB	255, 216, 202
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1529, 0.2078
CMYK	0.00, 0.15, 0.21, 0.00
HSL	16°, 100%, 90%
HSV	16°, 21%, 100%
XYZ	76.4565, 74.6360, 66.2536
YIQ	226.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

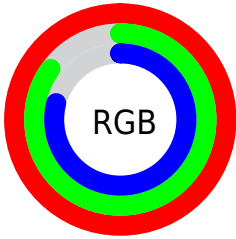
Format	Color
R _Y B	255, 221, 202
Decimal	16767178
CIE Lab	89.22, 11.47, 11.94
CIE LCh	89, 16.553, 46.160
Yxy	74.6360, 0.3518, 0.3434
Android (android.graphics.Color)	4294957258 (0xFFFFD8CA)
YUV	226.0650, -11.8640, 25.3760
Hunter-Lab	86.3921, 6.7852, 15.0053

Details

The XYZ color **76.4565, 74.6360, 66.2536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8615, 82.6846, 106.6746**, and the grayscale version is **72.4064, 76.1771, 82.9569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3789, 39.6336, 33.4861** is the 20% darker color. If you saturate the color by 10%, you get **69.1480, 64.4582, 50.1322**, and if you desaturate by 10%, it is **84.8164, 86.1177, 85.1886**.

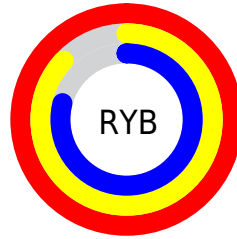
Distribution



Red (100%)

Green (85%)

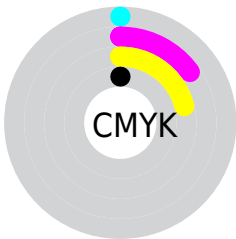
Blue (79%)



Red (100%)

Yellow (87%)

Blue (79%)

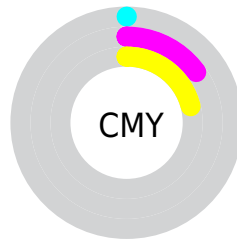


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4565, 74.6360, 66.2536 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 76.4565, 74.6360, 66.2536 by changing the saturation by 10% instead.


 76.4565, 74.6360,
66.2536

 76.4565, 74.6360,
66.2536


471.8294,
476.6655, 465.7122

 57.1053, 55.3147,
48.0205


127.3489,
125.7970, 115.4807

 41.3302, 39.6538,
33.4830


159.6208,
158.4055, 147.3118

 28.7660, 27.2687,
22.2226


196.9303,
196.2118, 184.5127

 19.0473, 17.7751,
13.8207

239.6428,
239.6005, 227.5018

 11.8087, 10.7887,
7.8587

288.1236,
288.9558, 276.6978

 6.6848, 5.9249,
3.9182

342.7380,

 3.3103, 2.7995,

344.6621, 332.5192

1.5806

403.8515,
407.1039, 395.3845

■ 1.3199, 1.0280,
0.2769

■ 0.1981, 0.0000,
0.0000

■ 76.4565, 74.6360,
66.2536

■ 76.4565, 74.6360,
66.2536

■ 69.1480, 64.4582,
50.1322

■ 84.8164, 86.1177,
85.1886

■ 62.8427, 55.5277,
36.6846

■ 94.2626, 98.9374,
107.0585

■ 57.4963, 47.7986,
25.7661

■ 95.0500, 100.0000,
108.9000

■ 53.0592, 41.2179,
17.2163

■ 49.4768, 35.7289,
10.8562

■ 46.6882, 31.2692,
6.4807

■ 44.6227, 27.7697,
3.8454

■ 43.2700, 25.3200,
2.6067

Harmonies

Analogous

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



78.6644, 74.6360, 75.2304



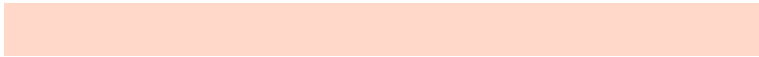
76.4565, 74.6360, 66.2536



72.8136, 74.6360, 61.5235

Triad

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



76.4565, 74.6360, 66.2536



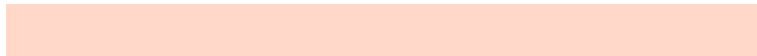
63.6615, 74.6360, 76.0600



73.1232, 74.6360, 104.5595

Complementary

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



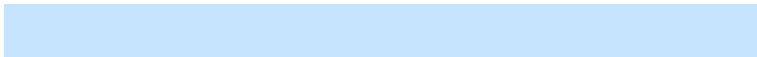
76.4565, 74.6360, 66.2536



73.8615, 82.6846, 106.6746

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.



69.0974, 74.6360, 104.8356



76.4565, 74.6360, 66.2536



63.7372, 74.6360, 87.6159

Square

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



76.4565, 74.6360, 66.2536



65.4830, 74.6360, 66.8111



65.6941, 74.6360, 98.3902



76.6906, 74.6360, 97.6683

Rectangle

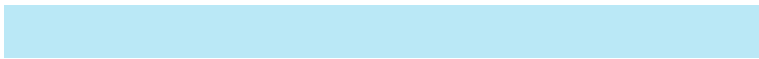
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4565, 74.6360, 66.2536



70.1090, 74.6360, 61.0947



65.6941, 74.6360, 98.3902



71.7761, 74.6360, 105.4499

Sweetspot

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



76.4583, 74.6393, 66.2551



89.1970, 92.0803, 95.2767



78.3504, 69.8976, 93.1701



18.9606, 19.5308, 20.0897



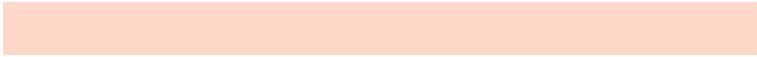
0.0000, 0.0000, 0.0000



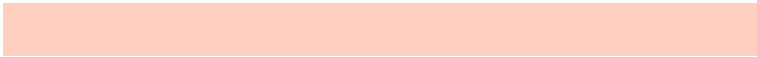
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4583, 74.6393, 66.2551



73.2507, 70.1911, 59.1221



83.5787, 88.8801, 68.6286



18.3997, 18.7675, 18.7971



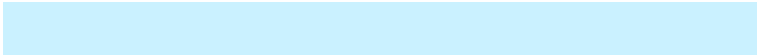
22.7125, 13.4362, 1.3964



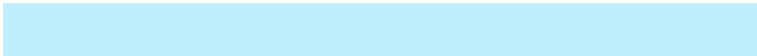
2.2962, 1.4778, 0.1642

Inverse Universe

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



73.8615, 82.6846, 106.6746



70.2183, 79.5677, 106.2650



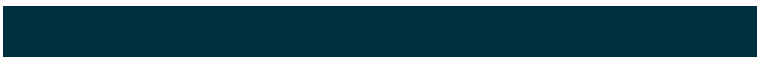
66.7720, 68.5057, 104.3114



18.1249, 19.6214, 23.0820



18.9141, 22.7378, 52.8265



1.9310, 2.3927, 5.1733

Previews

White Background



This preview shows how the XYZ color 76.4565, 74.6360, 66.2536 looks on a white background.

Color Contrast Check

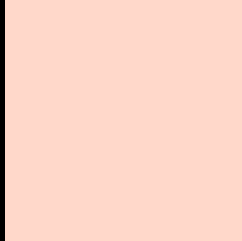
Large Text (above 18pt) WCAG AA × Fail

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 76.4565, 74.6360, 66.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

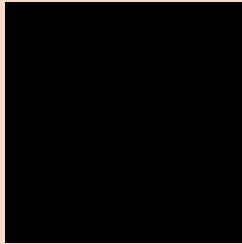
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4565, 74.6360, 66.2536

Background



This preview shows how black text looks on a background with the XYZ color 76.4565, 74.6360, 66.2536.

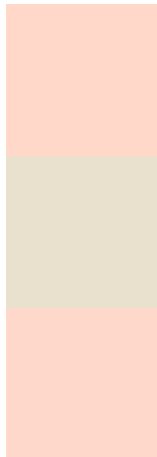


This preview shows how white text looks on a background with the XYZ color 76.4565, 74.6360,

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

76.4565, 74.6360, 66.2536

Protanopia

71.4005, 75.0912, 69.1234

Deuteranopia

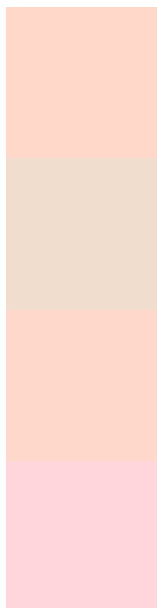
76.0896, 74.4468, 66.2364



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.4565, 74.6360, 66.2536

Protanomaly

73.1515, 74.8215, 68.3441

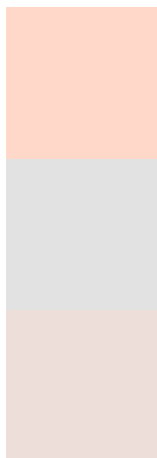
Deuteranomaly

76.0896, 74.4468, 66.2364

Tritanomaly

78.0728, 74.4676, 77.2766

Monochromacy



Original Color

76.4565, 74.6360, 66.2536

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5707, 75.2568, 76.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4565, 74.6360, 66.2536 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 202) }
```

Border

The CSS property to change the border of an element to XYZ 76.4565, 74.6360, 66.2536 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, 202) }
```


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

```
.border{ border-color:rgb(255, 216, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4565, 74.6360, 66.2536 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
216, 202) }
```

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