

Converting Colors

XYZ(76.0747, 74.1189, 65.3664)

Have a look what the booklet for
XYZ(76.0747, 74.1189, 65.3664)
contains.

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Color

**XYZ(76.0831, 74.0779,
65.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C9
RGB	255, 215, 201
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1568, 0.2118
CMYK	0.00, 0.16, 0.21, 0.00
HSL	16°, 100%, 89%
HSV	16°, 21%, 100%
XYZ	76.0831, 74.0779, 65.5468
YIQ	225.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

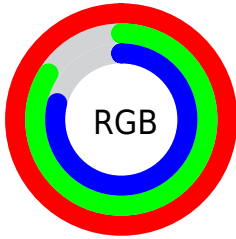
Format	Color
R _Y B	255, 220, 201
Decimal	16766921
CIE Lab	88.96, 11.84, 12.09
CIE LCh	89, 16.923, 45.600
Yxy	74.0779, 0.3527, 0.3434
Android (android.graphics.Color)	4294957001 (0xFFFFD7C9)
YUV	225.3640, -12.0115, 25.9908
Hunter-Lab	86.0685, 7.1710, 15.0948

Details

The XYZ color **76.0831, 74.0779, 65.5468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5918, 82.5457, 106.6619**, and the grayscale version is **71.9009, 75.6453, 82.3778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1260, 39.2540, 33.0130** is the 20% darker color. If you saturate the color by 10%, you get **68.7941, 63.9087, 49.5260**, and if you desaturate by 10%, it is **84.4287, 85.5631, 84.3784**.

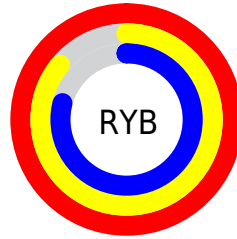
Distribution



Red (100%)

Green (84%)

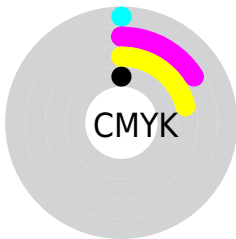
Blue (79%)



Red (100%)

Yellow (86%)

Blue (79%)

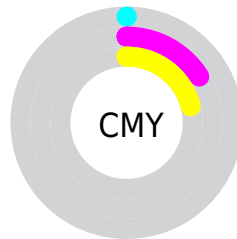


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0831, 74.0779, 65.5468 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 76.0831, 74.0779, 65.5468 by changing the saturation by 10% instead.


 76.0831, 74.0779,
65.5468

 76.0831, 74.0779,
65.5468


470.5721,
474.7422, 463.1142

 56.7979, 54.8578,
47.4504


126.8241,
125.0062, 114.4564

 41.0825, 39.2879,
33.0350


159.0106,
157.4833, 146.1068

 28.5715, 26.9838,
21.8819


196.2284,
195.1480, 183.1122

 18.8996, 17.5610,
13.5727

238.8426,
238.3850, 225.8912

 11.7013, 10.6353,
7.6887

287.2188,
287.5785, 274.8624

 6.6114, 5.8222,
3.8115

341.7222,

 3.2644, 2.7372,

343.1129, 330.4442

1.5225

402.7182,
405.3727, 393.0553

■ 1.2951, 0.9961,
0.2346

■ 0.1795, 0.0000,
0.0000

■ 76.0831, 74.0779,
65.5468

■ 76.0831, 74.0779,
65.5468

■ 68.7941, 63.9087,
49.5260

■ 84.4287, 85.5631,
84.3784

■ 62.5134, 54.9985,
36.1758

■ 93.8666, 98.3996,
106.1425

■ 57.1959, 47.3000,
25.3508

■ 95.0500, 100.0000,
108.9000

■ 52.7916, 40.7596,
16.8898

■ 49.2449, 35.3190,
10.6126

■ 46.4942, 30.9147,
6.3131

■ 44.4677, 27.4759,
3.7443

■ 43.1961, 25.1721,
2.5820

Harmonies

Analogous

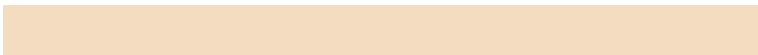
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2966, 74.0779, 74.7248



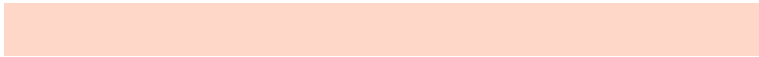
76.0831, 74.0779, 65.5468



72.3922, 74.0779, 60.6657

Triad

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



76.0831, 74.0779, 65.5468



63.0296, 74.0779, 75.1604



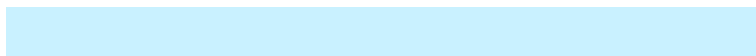
72.5550, 74.0779, 104.4757

Complementary

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



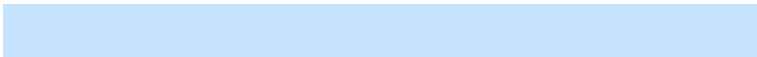
76.0831, 74.0779, 65.5468



73.5918, 82.5457, 106.6619

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.



68.4620, 74.0779, 104.6214



76.0831, 74.0779, 65.5468



63.0694, 74.0779, 86.8978

Square

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



76.0831, 74.0779, 65.5468



64.9131, 74.0779, 65.8389



65.0239, 74.0779, 97.9302



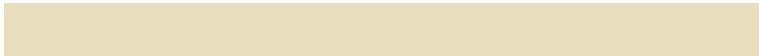
76.2063, 74.0779, 97.5495

Rectangle

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



76.0831, 74.0779, 65.5468



69.6406, 74.0779, 60.1684



65.0239, 74.0779, 97.9302



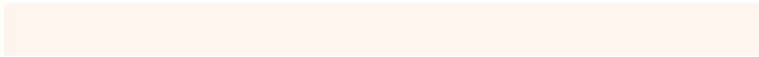
71.1826, 74.0779, 105.3402

Sweetspot

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



76.0848, 74.0811, 65.5483



89.1745, 92.0352, 95.2692



78.0791, 69.4149, 92.8947



18.9553, 19.5202, 20.0880



0.0000, 0.0000, 0.0000



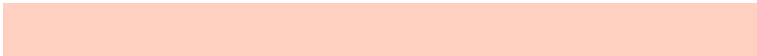
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0848, 74.0811, 65.5483



73.1747, 70.0389, 59.0967



83.3864, 88.6844, 67.9822



18.3923, 18.7528, 18.7946



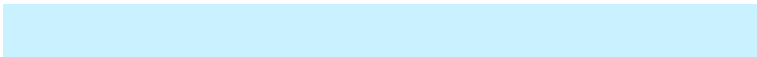
22.6724, 13.3560, 1.3830



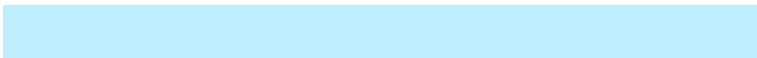
2.2914, 1.4682, 0.1626

Inverse Universe

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



73.5918, 82.5457, 106.6619



70.3093, 79.7498, 106.2953



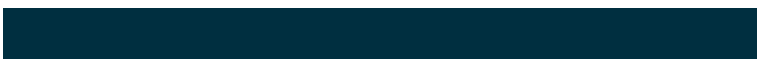
66.3115, 67.9850, 104.2352



18.1327, 19.6371, 23.0846



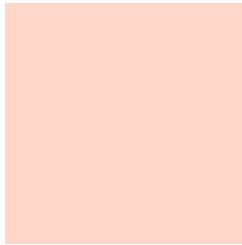
19.0524, 23.0144, 52.8726



1.9435, 2.4177, 5.1775

Previews

White Background



This preview shows how the XYZ color 76.0831, 74.0779, 65.5468 looks on a white background.

Color Contrast Check

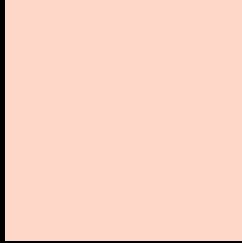
Large Text (above 18pt) WCAG AA × Fail

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 76.0831, 74.0779, 65.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

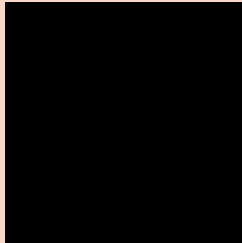
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0831, 74.0779, 65.5468

Background



This preview shows how black text looks on a background with the XYZ color 76.0831, 74.0779, 65.5468.



This preview shows how white text looks on a background with the XYZ color 76.0831, 74.0779,

65.5468.

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

76.0831, 74.0779, 65.5468

Protanopia

70.6858, 74.3389, 68.3809

Deuteranopia

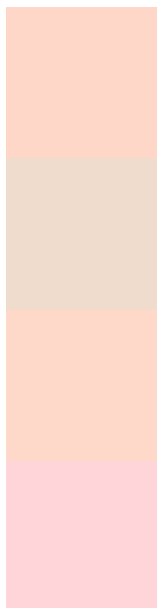
75.9715, 74.3996, 65.6148



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

76.0831, 74.0779, 65.5468

Protanomaly

72.4275, 74.0713, 67.6066

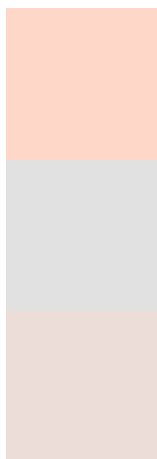
Deuteranomaly

75.9715, 74.3996, 65.6148

Tritanomaly

77.6891, 73.9105, 76.5012

Monochromacy



Original Color

76.0831, 74.0779, 65.5468

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8432, 74.5036, 75.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0831, 74.0779, 65.5468 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, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 201) }
```

Border

The CSS property to change the border of an element to XYZ 76.0831, 74.0779, 65.5468 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, 215, 201) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0831, 74.0779, 65.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 201) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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