

Converting Colors

XYZ(77.8468, 73.1766, 66.5162)

Have a look what the booklet for
XYZ(77.8468, 73.1766, 66.5162)
contains.

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Color

**XYZ(75.0661, 71.6650,
66.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2CB
RGB	255, 210, 203
RGB Percent	100%, 82%, 80%
CMY	0.0000, 0.1764, 0.2039
CMYK	0.00, 0.18, 0.20, 0.00
HSL	8°, 100%, 90%
HSV	8°, 20%, 100%
XYZ	75.0661, 71.6650, 66.3762
YIQ	222.6570, 29.0670, 7.3630

Conversions

Conversions Part 2

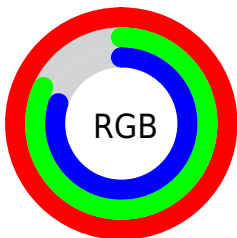
Format	Color
R _Y B	255, 211, 203
Decimal	16765643
CIE Lab	87.81, 14.73, 9.40
CIE LCh	88, 17.471, 32.533
Yxy	71.6650, 0.3522, 0.3363
Android (android.graphics.Color)	4294955723 (0xFFFFD2CB)
YUV	222.6570, -9.6909, 28.3648
Hunter-Lab	84.6552, 10.1343, 12.7707

Details

The XYZ color **75.0661, 71.6650, 66.3762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2450, 87.0486, 107.3913**, and the grayscale version is **69.9495, 73.5923, 80.1421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4349, 37.6184, 33.5637** is the 20% darker color. If you saturate the color by 10%, you get **67.1966, 60.3957, 49.9734**, and if you desaturate by 10%, it is **84.1900, 84.6426, 85.6647**.

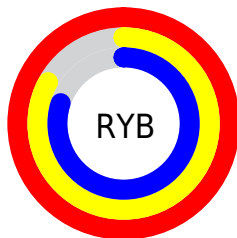
Distribution



Red (100%)

Green (82%)

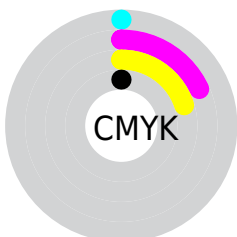
Blue (80%)



Red (100%)

Yellow (83%)

Blue (80%)

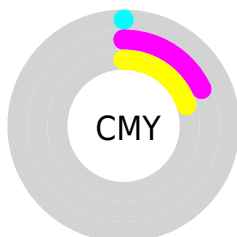


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0661, 71.6650, 66.3762 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 75.0661, 71.6650, 66.3762 by changing the saturation by 10% instead.


 75.0661, 71.6650,
66.3762

 75.0661, 71.6650,
66.3762


467.1384,
466.3747, 466.1620

 55.9614, 52.8851,
48.1194


125.3933,
121.5801, 115.6583

 40.4089, 37.7110,
33.5608


157.3466,
153.4841, 147.5206

 28.0431, 25.7585,
22.2818


194.3134,
190.5316, 184.7553

 18.4988, 16.6430,
13.8638

236.6591,
233.1069, 227.7808

 11.4105, 9.9803,
7.8883

284.7492,
281.5945, 277.0157

 6.4130, 5.3859,
3.9368

338.9488,

 3.1408, 2.4754,

336.3787, 332.8785

1.5908

399.6234,
397.8440, 395.7878

■ 1.2287, 0.8643,
0.2842

■ 0.1288, 0.0000,
0.0000

■ 75.0661, 71.6650,
66.3762

■ 75.0661, 71.6650,
66.3762

■ 67.1966, 60.3957,
49.9734

■ 84.1900, 84.6426,
85.6647

■ 60.5214, 50.7546,
36.3132

94.6146, 99.3858,
107.9638

■ 54.9831, 42.6688,
25.2467

95.0500, 100.0000,
108.9000

■ 50.5175, 36.0566,
16.6093

■ 47.0539, 30.8283,
10.2174

■ 44.5130, 26.8848,
5.8610

■ 42.8027, 24.1132,
3.2901

■ 41.8221, 22.4242,
2.1240

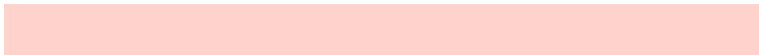
Harmonies

Analogous

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



76.4014, 71.6650, 77.0256



75.0661, 71.6650, 66.3762



71.8623, 71.6650, 59.4615

Triad

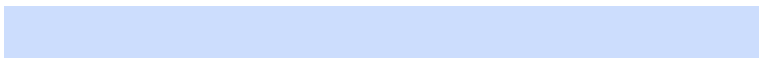
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0661, 71.6650, 66.3762



61.2785, 71.6650, 67.9587



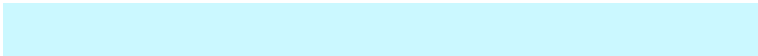
68.4686, 71.6650, 103.1579

Complementary

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



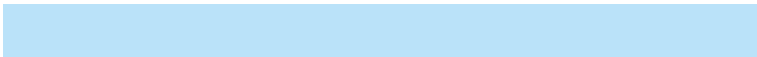
75.0661, 71.6650, 66.3762



76.2450, 87.0486, 107.3913

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.



64.5011, 71.6650, 100.1125



75.0661, 71.6650, 66.3762



60.4513, 71.6650, 79.0451

Square

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



75.0661, 71.6650, 66.3762



63.9141, 71.6650, 60.3079



61.6076, 71.6650, 90.9760



72.4970, 71.6650, 98.9250

Rectangle

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



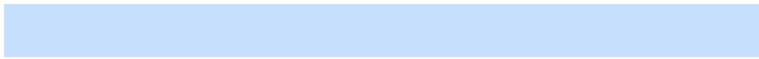
75.0661, 71.6650, 66.3762



69.1576, 71.6650, 57.4963



61.6076, 71.6650, 90.9760



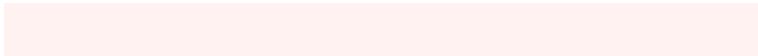
67.0837, 71.6650, 102.9515

Sweetspot

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



75.0678, 71.6681, 66.3777



88.6047, 90.8956, 95.0792



79.5499, 70.7540, 98.3255



18.8211, 19.2517, 20.0432



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

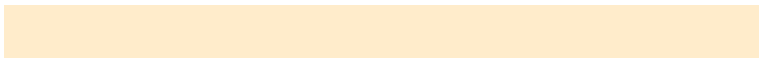
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0678, 71.6681, 66.3777



72.0861, 67.4079, 60.1329



81.9961, 85.5247, 68.6871



18.2066, 18.3814, 18.7327



21.9130, 11.8372, 1.1299



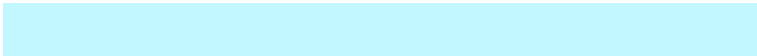
2.1913, 1.2681, 0.1293

Inverse Universe

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



76.2450, 87.0486, 107.3913



73.4329, 85.0351, 107.1508



68.8182, 72.1952, 104.9157



18.3339, 20.0394, 23.1516



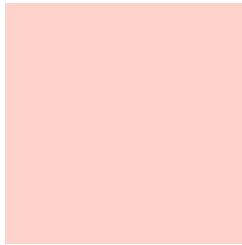
22.9746, 30.8588, 54.1800



2.2922, 3.1151, 5.2937

Previews

White Background



This preview shows how the XYZ color 75.0661, 71.6650, 66.3762 looks on a white background.

Color Contrast Check

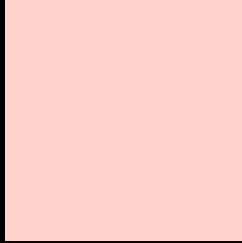
Large Text (above 18pt) WCAG AA × Fail

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 75.0661, 71.6650, 66.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

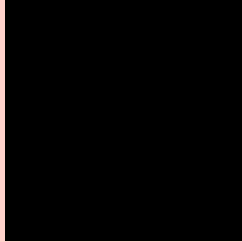
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0661, 71.6650, 66.3762

Background



This preview shows how black text looks on a background with the XYZ color 75.0661, 71.6650, 66.3762.

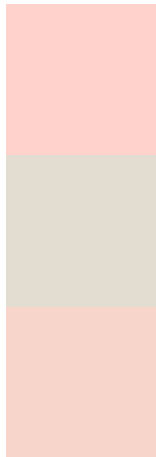


This preview shows how white text looks on a background with the XYZ color 75.0661, 71.6650,

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

75.0661, 71.6650, 66.3762

Protanopia

68.6569, 72.0714, 69.9671

Deuteranopia

73.1663, 71.8092, 65.8814



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

75.0661, 71.6650, 66.3762

Protanomaly

70.6215, 71.5725, 68.4852

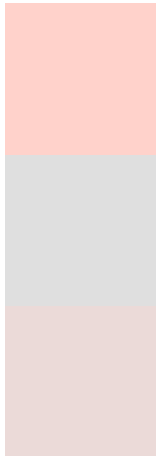
Deuteranomaly

73.9878, 71.8605, 65.8480

Tritanomaly

76.4351, 71.8188, 74.7996

Monochromacy



Original Color

75.0661, 71.6650, 66.3762

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.7270, 72.7628, 75.2300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0661, 71.6650, 66.3762 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, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 203)  
}
```

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, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 203) }
```

Border

The CSS property to change the border of an element to XYZ 75.0661, 71.6650, 66.3762 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, 210, 203) }
```


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

```
.border{ border-color:rgb(255, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0661, 71.6650, 66.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 203) }
```

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

```
.background{ background-color: rgb(255,  
210, 203) }
```

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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