

Converting Colors

XYZ(100.3041, 85.4570,
67.6993)

Have a look what the booklet for
XYZ(100.3041, 85.4570, 67.6993)
contains.

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Color

**XYZ(75.5630, 72.6588,
66.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4CB
RGB	255, 212, 203
RGB Percent	100%, 83%, 80%
CMY	0.0000, 0.1686, 0.2039
CMYK	0.00, 0.17, 0.20, 0.00
HSL	10°, 100%, 90%
HSV	10°, 20%, 100%
XYZ	75.5630, 72.6588, 66.5419
YIQ	223.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

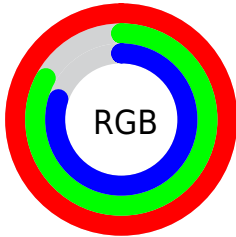
Format	Color
R _Y B	255, 214, 203
Decimal	16766155
CIE Lab	88.28, 13.69, 10.08
CIE LCh	88, 16.998, 36.363
Yxy	72.6588, 0.3518, 0.3383
Android (android.graphics.Color)	4294956235 (0xFFFFD4CB)
YUV	223.8310, -10.2697, 27.3352
Hunter-Lab	85.2401, 9.0650, 13.3839

Details

The XYZ color **75.5630, 72.6588, 66.5419** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6334, 85.8254, 107.1874**, and the grayscale version is **70.7892, 74.4757, 81.1041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7705, 38.2896, 33.6756** is the 20% darker color. If you saturate the color by 10%, you get **67.8397, 61.6820, 50.1879**, and if you desaturate by 10%, it is **84.4779, 85.2184, 85.7608**.

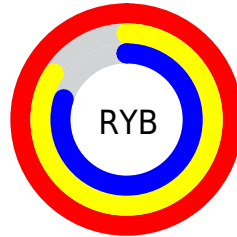
Distribution



Red (100%)

Green (83%)

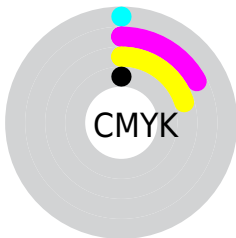
Blue (80%)



Red (100%)

Yellow (84%)

Blue (80%)

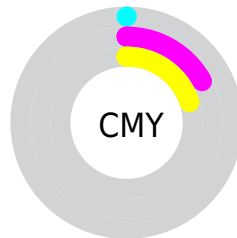


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5630, 72.6588, 66.5419 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 75.5630, 72.6588, 66.5419 by changing the saturation by 10% instead.


 75.5630, 72.6588,
66.5419

 75.5630, 72.6588,
66.5419


468.8179,
469.8314, 466.7694

 56.3700, 53.6970,
48.2532


126.0926,
122.9927, 115.8982

 40.7378, 38.3595,
33.6660


158.1600,
155.1336, 147.8028

 28.3011, 26.2618,
22.3619


195.2496,
192.4364, 185.0831

 18.6943, 17.0196,
13.9222

237.7268,
235.2853, 228.1577

 11.5523, 10.2485,
7.9284

285.9568,
284.0649, 277.4451

 6.5096, 5.5640,
3.9621

340.3051,

 3.2010, 2.5818,

339.1596, 333.3638

1.6046

401.1370,
400.9536, 396.3324

■ 1.2609, 0.9175,
0.2941

■ 0.1537, 0.0000,
0.0000

■ 75.5630, 72.6588,
66.5419

■ 75.5630, 72.6588,
66.5419

■ 67.8397, 61.6820,
50.1879

■ 84.4779, 85.2184,
85.7608

■ 61.2520, 52.2158,
36.5568

94.6269, 99.4103,
107.9680

■ 55.7469, 44.1965,
25.5014

95.0500, 100.0000,
108.9000

■ 51.2652, 37.5520,
16.8586

■ 47.7418, 32.2041,
10.4467

■ 45.1039, 28.0666,
6.0579

■ 43.2672, 25.0421,
3.4449

■ 42.1466, 23.0732,
2.2322

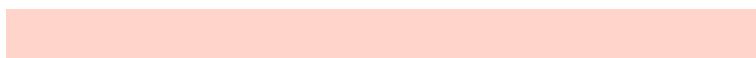
Harmonies

Analogous

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



77.1425, 72.6588, 76.6526



75.5630, 72.6588, 66.5419



72.2491, 72.6588, 60.2871

Triad

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



75.5630, 72.6588, 66.5419



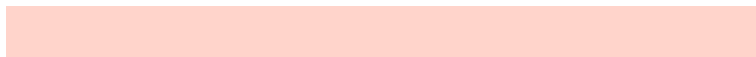
62.1286, 72.6588, 70.4536



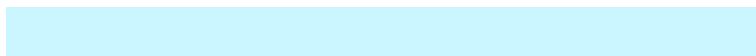
69.9319, 72.6588, 103.5728

Complementary

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



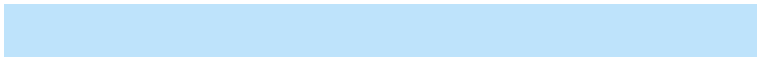
75.5630, 72.6588, 66.5419



75.6334, 85.8254, 107.1874

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.



65.9662, 72.6588, 101.4994



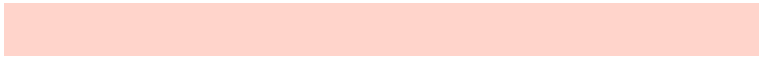
75.5630, 72.6588, 66.5419



61.5628, 72.6588, 81.6257

Square

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



75.5630, 72.6588, 66.5419



64.5184, 72.6588, 62.3854



62.9413, 72.6588, 93.1755



73.8099, 72.6588, 98.5918

Rectangle

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



75.5630, 72.6588, 66.5419



69.5582, 72.6588, 58.7672



62.9413, 72.6588, 93.1755



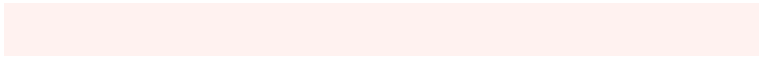
68.5642, 72.6588, 103.6842

Sweetspot

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



75.5647, 72.6620, 66.5434



88.7799, 91.2460, 95.1376



79.2821, 70.6470, 96.9151



18.8623, 19.3342, 20.0570



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.



75.5647, 72.6620, 66.5434



72.6428, 68.5213, 60.3185



82.4974, 86.5273, 68.8543



18.2636, 18.4954, 18.7517



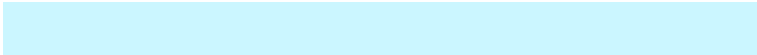
22.0960, 12.2031, 1.1909



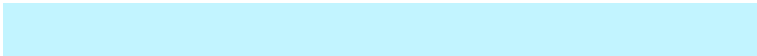
2.2183, 1.3219, 0.1382

Inverse Universe

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



75.6334, 85.8254, 107.1874



72.7186, 83.6064, 106.9127



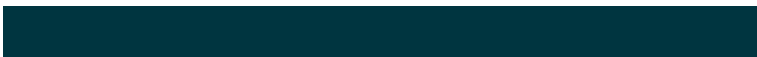
68.3601, 71.2789, 104.7630



18.2715, 19.9146, 23.1308



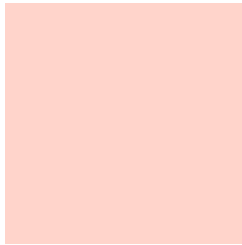
21.6807, 28.2710, 53.7487



2.1782, 2.8872, 5.2558

Previews

White Background



This preview shows how the XYZ color 75.5630, 72.6588, 66.5419 looks on a white background.

Color Contrast Check

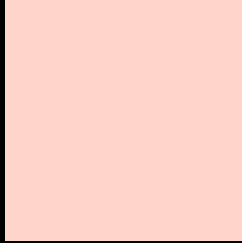
Large Text (above 18pt) WCAG AA × Fail

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 75.5630, 72.6588, 66.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

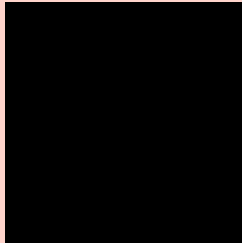
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5630, 72.6588, 66.5419

Background



This preview shows how black text looks on a background with the XYZ color 75.5630, 72.6588, 66.5419.

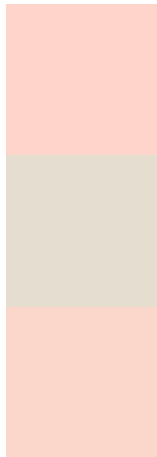


This preview shows how white text looks on a background with the XYZ color 75.5630, 72.6588,

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

75.5630, 72.6588, 66.5419

Protanopia

69.5547, 72.9250, 70.0845

Deuteranopia

74.2504, 72.7289, 66.6246



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

75.5630, 72.6588, 66.5419

Protanomaly

71.4719, 72.7762, 68.6728

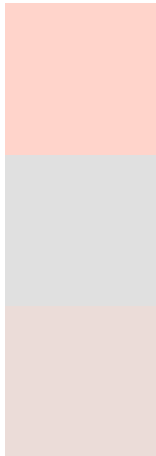
Deuteranomaly

74.7186, 72.5957, 66.5742

Tritanomaly

77.0587, 72.8583, 75.6473

Monochromacy



Original Color

75.5630, 72.6588, 66.5419

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2488, 73.8064, 75.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5630, 72.6588, 66.5419 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, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 203) }
```

Border

The CSS property to change the border of an element to XYZ 75.5630, 72.6588, 66.5419 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, 212, 203) }
```


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

```
.border{ border-color:rgb(255, 212, 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, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5630, 72.6588, 66.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 203) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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