

Converting Colors

XYZ(81.0884, 76.3038, 66.6206)

Have a look what the booklet for
XYZ(81.0884, 76.3038, 66.6206)
contains.

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Color

**XYZ(75.9472, 73.6174,
66.0838)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6CA
RGB	255, 214, 202
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1608, 0.2078
CMYK	0.00, 0.16, 0.21, 0.00
HSL	14°, 100%, 90%
HSV	14°, 21%, 100%
XYZ	75.9472, 73.6174, 66.0838
YIQ	224.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

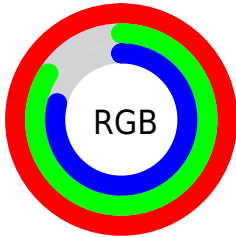
Format	Color
R _Y B	255, 218, 202
Decimal	16766666
CIE Lab	88.74, 12.50, 11.26
CIE LCh	89, 16.823, 41.993
Yxy	73.6174, 0.3522, 0.3414
Android (android.graphics.Color)	4294956746 (0xFFFFD6CA)
YUV	224.8910, -11.2853, 26.4056
Hunter-Lab	85.8006, 7.8499, 14.3951

Details

The XYZ color **75.9472, 73.6174, 66.0838** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4567, 83.8751, 106.8730**, and the grayscale version is **71.5556, 75.2820, 81.9821**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0321, 38.9402, 33.3705** is the 20% darker color. If you saturate the color by 10%, you get **68.4809, 63.1238, 49.9097**, and if you desaturate by 10%, it is **84.5205, 85.5259, 85.0899**.

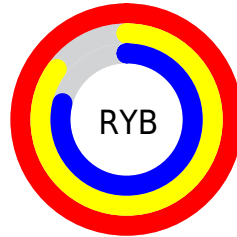
Distribution



Red (100%)

Green (84%)

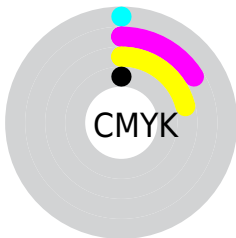
Blue (79%)



Red (100%)

Yellow (85%)

Blue (79%)

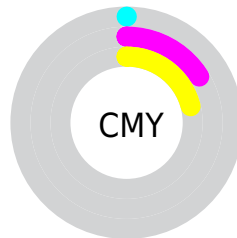


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9472, 73.6174, 66.0838 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 75.9472, 73.6174, 66.0838 by changing the saturation by 10% instead.


 75.9472, 73.6174,
66.0838

 75.9472, 73.6174,
66.0838

470.1141,
473.1518, 465.0889

 56.6861, 54.4810,
47.8835


126.6330,
124.3533, 115.2347

 40.9924, 38.9863,
33.3753


158.7885,
156.7215, 147.0225

 28.5008, 26.7491,
22.1407


195.9728,
194.2692, 184.1765

 18.8459, 17.3849,
13.7610

238.5512,
237.3806, 227.1153

 11.6623, 10.5093,
7.8178

286.8892,
286.4401, 276.2573

 6.5847, 5.7379,
3.8925

341.3522,

 3.2478, 2.6864,

341.8323, 332.0213

1.5665

402.3053,
403.9414, 394.8256

■ 1.2861, 0.9703,
0.2668

■ 0.1728, 0.0000,
0.0000

■ 75.9472, 73.6174,
66.0838

■ 75.9472, 73.6174,
66.0838

■ 68.4809, 63.1238,
49.9097

■ 84.5205, 85.5259,
85.0899

■ 62.0702, 53.9827,
36.4271

■ 94.2387, 98.8896,
107.0505

■ 56.6676, 46.1411,
25.4899

■ 95.0500, 100.0000,
108.9000

■ 52.2197, 39.5389,
16.9365

■ 48.6679, 34.1110,
10.5865

■ 45.9466, 29.7860,
6.2335

■ 43.9799, 26.4843,
3.6312

■ 42.7410, 24.2620,
2.4303

Harmonies

Analogous

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



77.9048, 73.6174, 75.5914



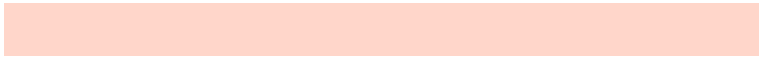
75.9472, 73.6174, 66.0838



72.4171, 73.6174, 60.6840

Triad

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



75.9472, 73.6174, 66.0838



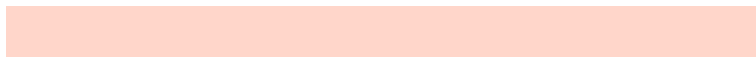
62.7927, 73.6174, 73.4292



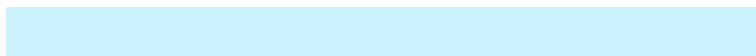
71.6091, 73.6174, 104.1272

Complementary

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



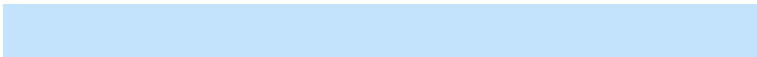
75.9472, 73.6174, 66.0838



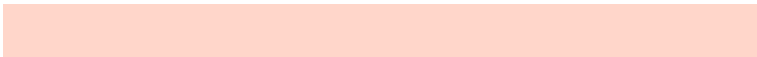
74.4567, 83.8751, 106.8730

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.



67.5808, 73.6174, 103.4047



75.9472, 73.6174, 66.0838



62.5953, 73.6174, 84.9025

Square

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



75.9472, 73.6174, 66.0838



64.8672, 73.6174, 64.6334



64.3171, 73.6174, 96.0981



75.3360, 73.6174, 97.9859

Rectangle

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



75.9472, 73.6174, 66.0838



69.6994, 73.6174, 59.7882



64.3171, 73.6174, 96.0981



70.2435, 73.6174, 104.6942

Sweetspot

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



75.9490, 73.6206, 66.0853



89.0238, 91.7338, 95.2189



78.6168, 70.0041, 94.5725



18.9198, 19.4491, 20.0761



0.0000, 0.0000, 0.0000



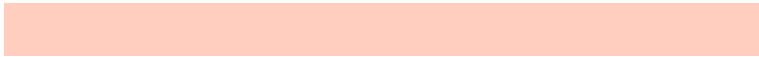
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9490, 73.6206, 66.0853



72.6683, 69.0261, 58.9279



83.0562, 87.8350, 68.4544



18.3431, 18.6543, 18.7782



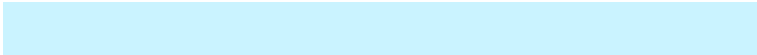
22.4244, 12.8599, 1.3003



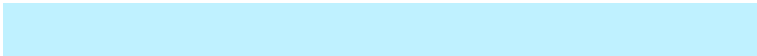
2.2612, 1.4077, 0.1525

Inverse Universe

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



74.4567, 83.8751, 106.8730



70.9240, 80.9792, 106.5002



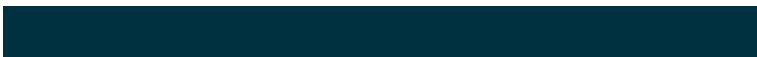
67.2250, 69.4116, 104.4624



18.1854, 19.7425, 23.1022



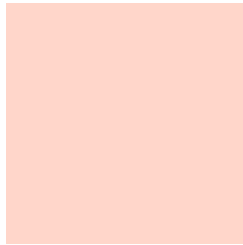
20.0104, 24.9304, 53.1920



2.0296, 2.5900, 5.2062

Previews

White Background



This preview shows how the XYZ color 75.9472, 73.6174, 66.0838 looks on a white background.

Color Contrast Check

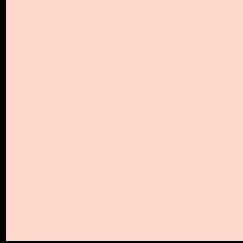
Large Text (above 18pt) WCAG AA × Fail

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 75.9472, 73.6174, 66.0838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

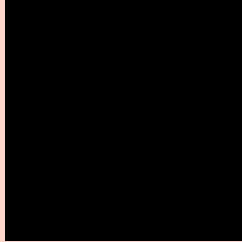
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9472, 73.6174, 66.0838

Background



This preview shows how black text looks on a background with the XYZ color 75.9472, 73.6174, 66.0838.

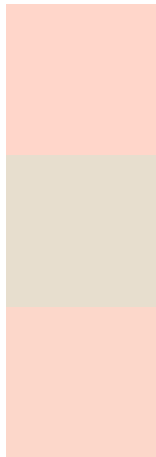


This preview shows how white text looks on a background with the XYZ color 75.9472, 73.6174,

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

75.9472, 73.6174, 66.0838

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

75.1060, 73.5606, 66.1172



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

75.9472, 73.6174, 66.0838

Protanomaly

72.2861, 73.5961, 68.1532

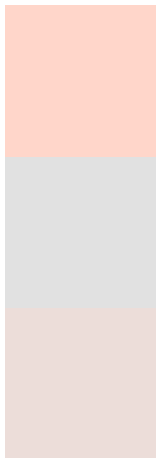
Deuteranomaly

75.4691, 73.7478, 66.1342

Tritanomaly

77.5586, 73.8583, 75.8139

Monochromacy



Original Color

75.9472, 73.6174, 66.0838

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9729, 74.5555, 76.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9472, 73.6174, 66.0838 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, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 202) }
```

Border

The CSS property to change the border of an element to XYZ 75.9472, 73.6174, 66.0838 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, 214, 202) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9472, 73.6174, 66.0838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 202) }
```

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

```
.background{ background-color: rgb(255,  
214, 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](#).

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