

Converting Colors

XYZ(76.8677, 73.0408, 73.8433)

Have a look what the booklet for
XYZ(76.8677, 73.0408, 73.8433)
contains.

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Color

**XYZ(76.9211, 73.2020,
73.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4D6
RGB	255, 212, 214
RGB Percent	100%, 83%, 84%
CMY	0.0000, 0.1686, 0.1608
CMYK	0.00, 0.17, 0.16, 0.00
HSL	357°, 100%, 92%
HSV	357°, 17%, 100%
XYZ	76.9211, 73.2020, 73.6935
YIQ	225.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

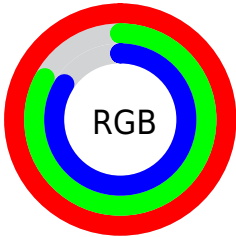
Format	Color
R _Y B	255, 212, 214
Decimal	16766166
CIE Lab	88.54, 15.33, 4.65
CIE LCh	89, 16.019, 16.875
Yxy	73.2020, 0.3437, 0.3271
Android (android.graphics.Color)	4294956246 (0xFFFFD4D6)
YUV	225.0850, -5.4649, 26.2355
Hunter-Lab	85.5582, 10.7537, 8.8227

Details

The XYZ color **76.9211, 73.2020, 73.6935** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6435, 92.6101, 106.5576**, and the grayscale version is **71.6561, 75.3878, 82.0973**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6037, 38.6229, 38.0631** is the 20% darker color. If you saturate the color by 10%, you get **68.1656, 60.2954, 56.5803**, and if you desaturate by 10%, it is **87.1503, 88.3136, 93.5870**.

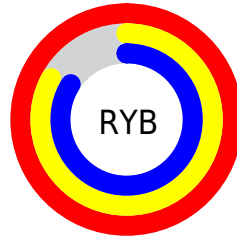
Distribution



Red (100%)

Green (83%)

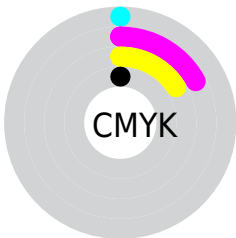
Blue (84%)



Red (100%)

Yellow (83%)

Blue (84%)

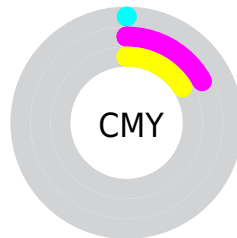


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9211, 73.2020, 73.6935 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 76.9211, 73.2020, 73.6935 by changing the saturation by 10% instead.


 76.9211, 73.2020,
73.6935

 76.9211, 73.2020,
73.6935


473.3910,
471.7146, 492.5499

 57.4878, 54.1412,
54.0479


128.0015,
123.7639, 126.1913

 41.6387, 38.7145,
38.2466


160.3794,
156.0338, 159.8805

 29.0083, 26.5377,
25.8708


197.8028,
193.4755, 199.0881

 19.2315, 17.2263,
16.5021

240.6372,
236.4733, 244.2326

 11.9426, 10.3960,
9.7220

289.2478,
285.4118, 295.7325

 6.7765, 5.6623,
5.1118

344.0001,

 3.3678, 2.6408,

340.6752, 354.0063

2.2531

405.2594,
402.6480, 419.4726

■ 1.3511, 0.9472,
0.7048

■ 0.2210, 0.0000,
0.0000

■ 76.9211, 73.2020,
73.6935

■ 76.9211, 73.2020,
73.6935

■ 68.1656, 60.2954,
56.5803

■ 87.1503, 88.3136,
93.5870

■ 60.8110, 49.4819,
42.1192

95.0500, 100.0000,
108.9000

■ 54.7863, 40.6541,
30.1790

■ 50.0119, 33.6913,
20.6153

■ 46.3999, 28.4595,
13.2691

■ 43.8508, 24.8072,
7.9623

■ 42.2486, 22.5563,
4.4888

■ 41.4485, 21.4824,
2.5992

■ 41.3054, 21.2861,
2.2741

Harmonies

Analogous

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



77.0556, 73.2020, 84.6279



76.9211, 73.2020, 73.6935



74.7728, 73.2020, 65.1788

Triad

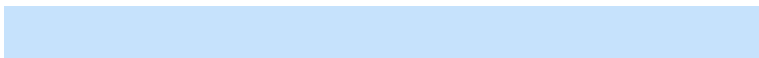
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9211, 73.2020, 73.6935



64.3000, 73.2020, 66.0427



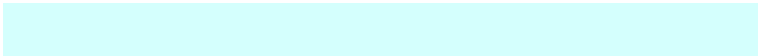
67.9050, 73.2020, 102.2427

Complementary

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



76.9211, 73.2020, 73.6935



80.6435, 92.6101, 106.5576

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.



64.6263, 73.2020, 96.2424



76.9211, 73.2020, 73.6935



62.5974, 73.2020, 74.9759

Square

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



76.9211, 73.2020, 73.6935



67.4445, 73.2020, 61.0496



62.7146, 73.2020, 86.0339



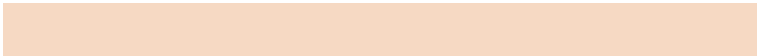
71.7526, 73.2020, 101.8183

Rectangle

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



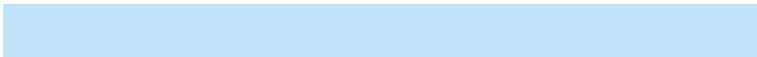
76.9211, 73.2020, 73.6935



72.5313, 73.2020, 61.7153



62.7146, 73.2020, 86.0339



66.7027, 73.2020, 100.8883

Sweetspot

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



76.9228, 73.2051, 73.6950



89.2204, 91.3747, 97.6034



82.0485, 75.1646, 104.7915



18.9281, 19.3085, 20.5639



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

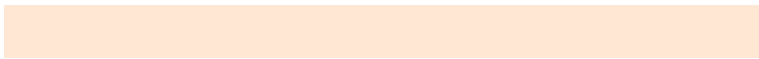
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9228, 73.2051, 73.6950



74.0181, 68.9198, 68.0282



81.7993, 83.3636, 74.0709



18.0435, 18.0007, 18.8464



21.5974, 11.1283, 1.2645



2.1143, 1.0881, 0.1835

Inverse Universe

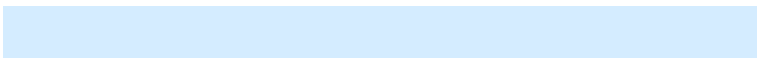
The Inverse Universe completely reimagines the original color for something new.



76.9228, 73.2051, 73.6950



74.0181, 68.9198, 68.0282



75.0987, 81.0091, 106.2859



18.0435, 18.0007, 18.8464



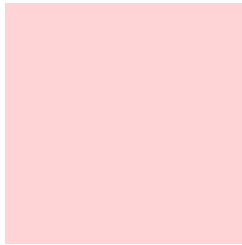
21.5974, 11.1283, 1.2645



2.1143, 1.0881, 0.1835

Previews

White Background



This preview shows how the XYZ color 76.9211, 73.2020, 73.6935 looks on a white background.

Color Contrast Check

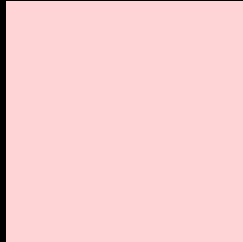
Large Text (above 18pt) WCAG AA × Fail

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 76.9211, 73.2020, 73.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

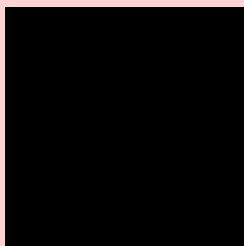
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9211, 73.2020, 73.6935

Background



This preview shows how black text looks on a background with the XYZ color 76.9211, 73.2020, 73.6935.

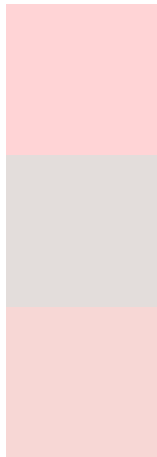


This preview shows how white text looks on a background with the XYZ color 76.9211, 73.2020,

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

76.9211, 73.2020, 73.6935

Protanopia

70.3212, 73.1583, 77.4325

Deuteranopia

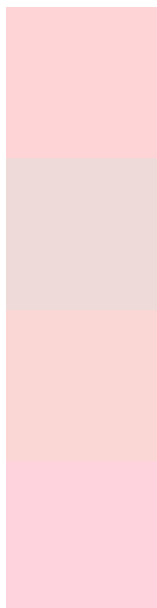
74.6685, 73.1791, 73.1403



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.9211, 73.2020, 73.6935

Protanomaly

72.5208, 73.1571, 75.9441

Deuteranomaly

75.4811, 73.2212, 73.1056

Tritanomaly

77.7191, 73.1225, 79.1250

Monochromacy



Original Color

76.9211, 73.2020, 73.6935

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2364, 74.2397, 78.8763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9211, 73.2020, 73.6935 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.9211, 73.2020, 73.6935 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, 214) }
```


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

```
.border{ border-color:rgb(255, 212, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9211, 73.2020, 73.6935 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
212, 214) }
```

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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