

Converting Colors

XYZ(108.3959, 91.5916,
73.4615)

Have a look what the booklet for
XYZ(108.3959, 91.5916, 73.4615)
contains.

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Color

**XYZ(78.0693, 76.1060,
72.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD3
RGB	255, 218, 211
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1451, 0.1725
CMYK	0.00, 0.15, 0.17, 0.00
HSL	10°, 100%, 91%
HSV	10°, 17%, 100%
XYZ	78.0693, 76.1060, 72.2032
YIQ	228.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

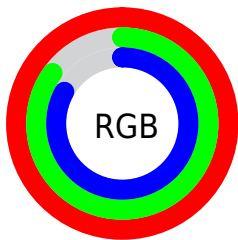
Format	Color
R _Y B	255, 219, 211
Decimal	16767699
CIE Lab	89.91, 11.75, 8.19
CIE LCh	90, 14.329, 34.883
Yxy	76.1060, 0.3449, 0.3362
Android (android.graphics.Color)	4294957779 (0xFFFFDAD3)
YUV	228.2650, -8.5116, 23.4466
Hunter-Lab	87.2388, 7.0705, 11.9957

Details

The XYZ color **78.0693, 76.1060, 72.2032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4803, 88.2010, 107.4959**, and the grayscale version is **73.9863, 77.8393, 84.7670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4717, 40.6345, 37.5030** is the 20% darker color. If you saturate the color by 10%, you get **69.9178, 64.5197, 54.9455**, and if you desaturate by 10%, it is **87.4507, 89.3401, 92.3747**.

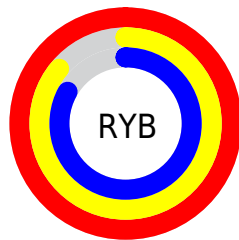
Distribution



Red (100%)

Green (85%)

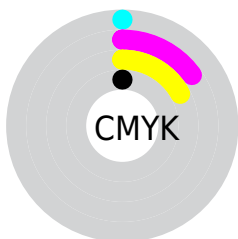
Blue (83%)



Red (100%)

Yellow (86%)

Blue (83%)

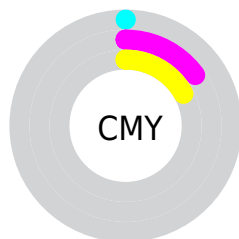


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0693, 76.1060, 72.2032 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 78.0693, 76.1060, 72.2032 by changing the saturation by 10% instead.


 78.0693, 76.1060,
72.2032

 78.0693, 76.1060,
72.2032

477.2384,
481.7105, 487.2451

 58.4339, 56.5194,
52.8368

129.6127,
127.8767, 124.0558

 42.4022, 40.6195,
37.2857


162.2513,
160.8297, 157.3791

 29.6088, 28.0219,
25.1313


199.9551,
199.0069, 196.1918

 19.6885, 18.3422,
15.9550

243.0894,
242.7927, 240.9124

 12.2757, 11.1959,
9.3383

292.0195,
292.5716, 291.9595

 7.0053, 6.1988,
4.8627

347.1108,

 3.5118, 2.9663,

348.7280, 349.7516

2.1096

408.7286,
411.6461, 414.7073

■ 1.4298, 1.1142,
0.6215

■ 0.2773, 0.0000,
0.0000

■ 78.0693, 76.1060,
72.2032

■ 78.0693, 76.1060,
72.2032

■ 69.9178, 64.5197,
54.9455

■ 87.4507, 89.3401,
92.3747

■ 62.9397, 54.5070,
40.4620

95.0500, 100.0000,
108.9000

■ 57.0819, 46.0027,
28.6090

■ 52.2849, 38.9332,
19.2276

■ 48.4839, 33.2186,
12.1420

■ 45.6065, 28.7711,
7.1528

■ 43.5701, 25.4921,
4.0266

■ 42.2744, 23.2674,
2.4640

■ 42.0191, 22.8181,
2.1897

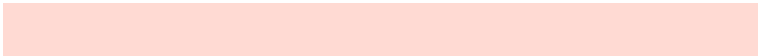
Harmonies

Analogous

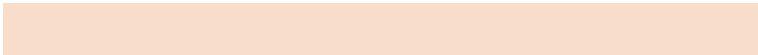
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3378, 76.1060, 81.2172



78.0693, 76.1060, 72.2032



75.2665, 76.1060, 66.4286

Triad

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



78.0693, 76.1060, 72.2032



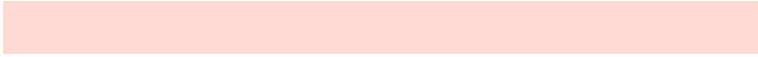
66.3426, 76.1060, 74.8587



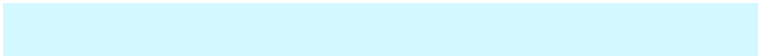
72.9178, 76.1060, 103.8629

Complementary

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



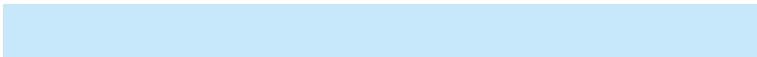
78.0693, 76.1060, 72.2032



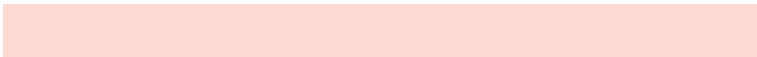
78.4803, 88.2010, 107.4959

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.



69.4835, 76.1060, 101.8144



78.0693, 76.1060, 72.2032



65.7596, 76.1060, 84.5380

Square

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



78.0693, 76.1060, 72.2032



68.5105, 76.1060, 67.8717



66.8914, 76.1060, 94.5311



76.3023, 76.1060, 99.9215

Rectangle

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



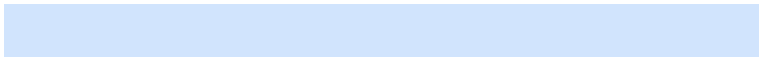
78.0693, 76.1060, 72.2032



72.9457, 76.1060, 64.9154



66.8914, 76.1060, 94.5311



71.7306, 76.1060, 103.8548

Sweetspot

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



78.0711, 76.1093, 72.2048



89.7396, 92.5558, 97.3367



81.5401, 74.6515, 99.2444



19.0538, 19.5942, 20.4994



0.0000, 0.0000, 0.0000



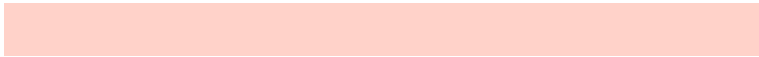
20.3446, 21.4041, 23.3091

Same Dimension

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



78.0711, 76.1093, 72.2048



74.8762, 71.5793, 65.4061



84.0407, 88.0485, 74.1946



18.2429, 18.4539, 18.7448



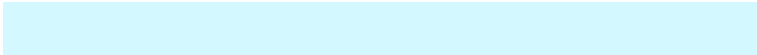
22.0245, 12.0602, 1.1670



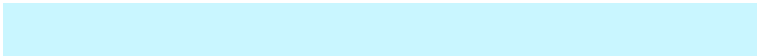
2.2083, 1.3019, 0.1349

Inverse Universe

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



78.4803, 88.2010, 107.4959



75.3589, 85.9006, 107.2164



72.2199, 75.6802, 105.4091



18.2941, 19.9598, 23.1384



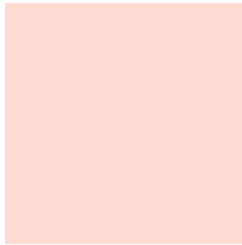
22.1418, 29.1933, 53.9025



2.2190, 2.9686, 5.2693

Previews

White Background



This preview shows how the XYZ color 78.0693, 76.1060, 72.2032 looks on a white background.

Color Contrast Check

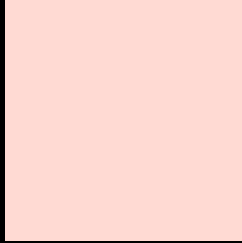
Large Text (above 18pt) WCAG AA × Fail

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 78.0693, 76.1060, 72.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

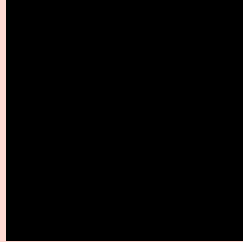
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0693, 76.1060, 72.2032

Background



This preview shows how black text looks on a background with the XYZ color 78.0693, 76.1060, 72.2032.

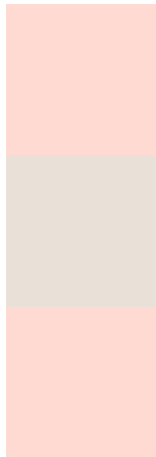


This preview shows how white text looks on a background with the XYZ color 78.0693, 76.1060,

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

78.0693, 76.1060, 72.2032

Protanopia

72.7952, 76.0804, 75.1382

Deuteranopia

77.7023, 75.9168, 72.1861



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

78.0693, 76.1060, 72.2032

Protanomaly

74.5345, 75.7984, 74.3205

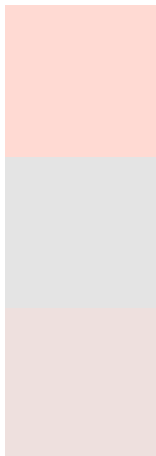
Deuteranomaly

77.7023, 75.9168, 72.1861

Tritanomaly

79.5074, 76.2675, 81.0516

Monochromacy



Original Color

78.0693, 76.1060, 72.2032

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1004, 76.7624, 79.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0693, 76.1060, 72.2032 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, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 211)  
}
```

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, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 211) }
```

Border

The CSS property to change the border of an element to XYZ 78.0693, 76.1060, 72.2032 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, 218, 211) }
```


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

```
.border{ border-color:rgb(255, 218, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0693, 76.1060, 72.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 211) }
```

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

```
.background{ background-color: rgb(255,  
218, 211) }
```

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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