

Converting Colors

XYZ(87.4108, 76.4277, 71.7146)

Have a look what the booklet for
XYZ(87.4108, 76.4277, 71.7146)
contains.

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Color

**XYZ(75.0692, 70.1058,
71.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED3
RGB	255, 206, 211
RGB Percent	100%, 81%, 83%
CMY	0.0000, 0.1921, 0.1725
CMYK	0.00, 0.19, 0.17, 0.00
HSL	354°, 100%, 90%
HSV	354°, 19%, 100%
XYZ	75.0692, 70.1058, 71.2032
YIQ	221.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

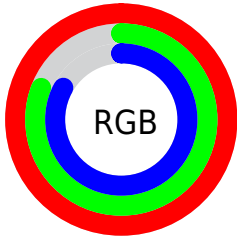
Format	Color
R _Y B	255, 206, 211
Decimal	16764627
CIE Lab	87.05, 18.00, 4.07
CIE LCh	87, 18.459, 12.747
Yxy	70.1058, 0.3469, 0.3240
Android (android.graphics.Color)	4294954707 (0xFFFFCED3)
YUV	221.2210, -5.0390, 29.6242
Hunter-Lab	83.7292, 13.5119, 8.1903

Details

The XYZ color **75.0692, 70.1058, 71.2032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4714, 91.5451, 103.9805**, and the grayscale version is **68.9047, 72.4931, 78.9450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6027, 36.8966, 36.8800** is the 20% darker color. If you saturate the color by 10%, you get **66.7517, 57.7425, 55.2614**, and if you desaturate by 10%, it is **84.7949, 84.6305, 89.6339**.

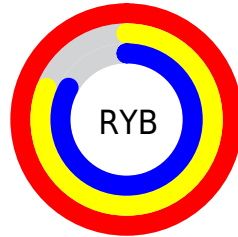
Distribution



Red (100%)

Green (81%)

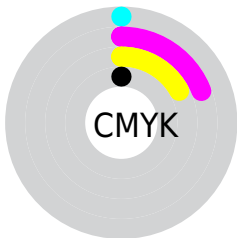
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

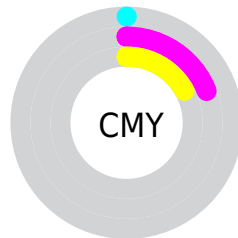


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0692, 70.1058, 71.2032 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 75.0692, 70.1058, 71.2032 by changing the saturation by 10% instead.

 75.0692, 70.1058,
71.2032

 75.0692, 70.1058,
71.2032

467.1489,
460.9214, 483.6662

 55.9640, 51.6128,
52.0252

125.3977,
119.3596, 122.6202

 40.4109, 36.6965,
36.6428


157.3517,
150.8892, 155.6962

 28.0447, 24.9726,
24.6374

194.3192,
187.5331, 194.2420

 18.5000, 16.0567,
15.5906

236.6658,
229.6758, 238.6761

 11.4114, 9.5643,
9.0837

284.7567,
277.7015, 289.4170

 6.4136, 5.1110,
4.6983

338.9573,

 3.1412, 2.3125,

331.9948, 346.8833

2.0157

399.6329,
392.9399, 411.4936

■ 1.2289, 0.7803,
0.5649

■ 0.1290, 0.0000,
0.0000

■ 75.0692, 70.1058,
71.2032

■ 75.0692, 70.1058,
71.2032

■ 66.7517, 57.7425,
55.2614

■ 84.7949, 84.6305,
89.6339

■ 59.7722, 47.4287,
41.6977

95.0500, 100.0000,
108.9000

■ 54.0622, 39.0563,
30.3991

■ 49.5449, 32.5034,
21.2418

■ 46.1350, 27.6348,
14.0901

■ 43.7360, 24.2958,
8.7927

■ 42.2346, 22.3037,
5.1765

■ 41.4690, 21.3864,
3.0285

■ 41.4264, 21.3346,
2.9118

Harmonies

Analogous

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



74.8863, 70.1058, 83.6098



75.0692, 70.1058, 71.2032



72.9223, 70.1058, 61.2962

Triad

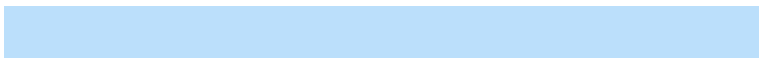
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0692, 70.1058, 71.2032



61.1522, 70.1058, 60.1603



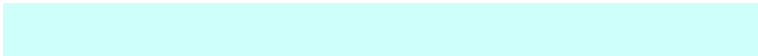
64.1997, 70.1058, 101.3841

Complementary

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



75.0692, 70.1058, 71.2032



78.4714, 91.5451, 103.9805

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.



60.7170, 70.1058, 93.6481



75.0692, 70.1058, 71.2032



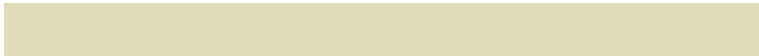
59.0104, 70.1058, 69.4917

Square

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



75.0692, 70.1058, 71.2032



64.8172, 70.1058, 55.3995



58.8546, 70.1058, 81.7041



68.4833, 70.1058, 101.9703

Rectangle

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



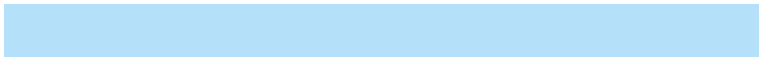
75.0692, 70.1058, 71.2032



70.5106, 70.1058, 57.0756



58.8546, 70.1058, 81.7041



62.9011, 70.1058, 99.4982

Sweetspot

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



75.0709, 70.1088, 71.2046



88.2279, 89.7701, 96.1001



79.2911, 71.5576, 104.2406



18.7324, 18.9868, 20.2834



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

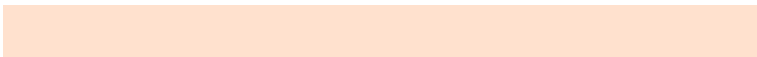
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0709, 70.1088, 71.2046



71.7587, 65.1778, 64.8805



79.2490, 79.4520, 69.5554



18.0846, 18.0172, 19.0627



21.6706, 11.1575, 1.6501



2.1337, 1.0959, 0.2857

Inverse Universe

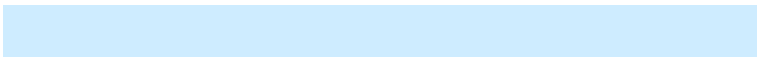
The Inverse Universe completely reimagines the original color for something new.



75.0709, 70.1088, 71.2046



71.7587, 65.1778, 64.8805



73.5639, 80.4598, 106.2608



18.0846, 18.0172, 19.0627



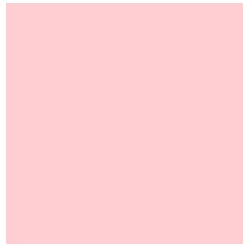
21.6706, 11.1575, 1.6501



2.1337, 1.0959, 0.2857

Previews

White Background



This preview shows how the XYZ color 75.0692, 70.1058, 71.2032 looks on a white background.

Color Contrast Check

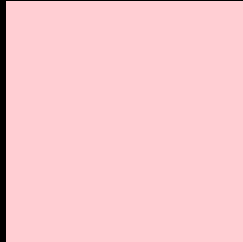
Large Text (above 18pt) WCAG AA × Fail

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 75.0692, 70.1058, 71.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

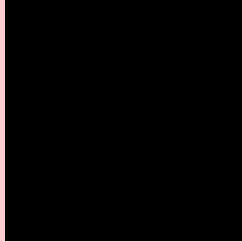
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0692, 70.1058, 71.2032

Background



This preview shows how black text looks on a background with the XYZ color 75.0692, 70.1058, 71.2032.



This preview shows how white text looks on a background with the XYZ color 75.0692, 70.1058,

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

75.0692, 70.1058, 71.2032

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.5451, 70.1189, 70.7362



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

75.0692, 70.1058, 71.2032

Protanomaly

69.9917, 69.9872, 74.1099

Deuteranomaly

72.7911, 70.0282, 70.6531

Tritanomaly

75.5957, 69.9324, 75.1596

Monochromacy



Original Color

75.0692, 70.1058, 71.2032

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6845, 71.4451, 75.7105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0692, 70.1058, 71.2032 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, 206, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 211) }
```

Border

The CSS property to change the border of an element to XYZ 75.0692, 70.1058, 71.2032 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, 206, 211) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0692, 70.1058, 71.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 211) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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