

Converting Colors

XYZ(73.9282, 71.5676, 72.7987)

Have a look what the booklet for
XYZ(73.9282, 71.5676, 72.7987)
contains.

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Color

**XYZ(73.9115, 71.6652,
72.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4D5
RGB	247, 212, 213
RGB Percent	97%, 83%, 84%
CMY	0.0314, 0.1686, 0.1647
CMYK	0.00, 0.14, 0.14, 0.03
HSL	358°, 69%, 90%
HSV	358°, 14%, 97%
XYZ	73.9115, 71.6652, 72.8880
YIQ	222.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

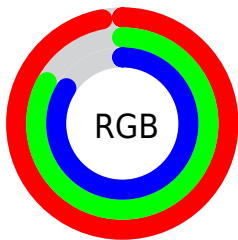
Format	Color
R _Y B	247, 212, 213
Decimal	16241877
CIE Lab	87.81, 12.35, 4.02
CIE LCh	88, 12.986, 18.043
Yxy	71.6652, 0.3383, 0.3280
Android (android.graphics.Color)	4294431957 (0xFFFF7D4D5)
YUV	222.5790, -4.7224, 21.4172
Hunter-Lab	84.6553, 7.6994, 8.2102

Details

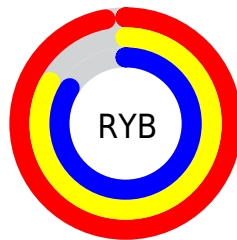
The XYZ color **73.9115, 71.6652, 72.8880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0495, 87.1742, 99.9584**, and the grayscale version is **69.8645, 73.5029, 80.0447**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4637, 37.5297, 37.5117** is the 20% darker color. If you saturate the color by 10%, you get **65.3791, 59.1192, 56.1118**, and if you desaturate by 10%, it is **83.8431, 86.2869, 92.3559**.

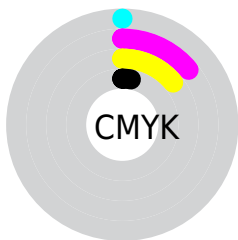
Distribution



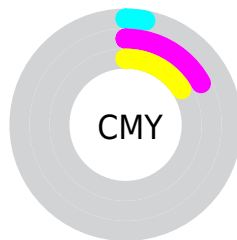
- Red (97%)
- Green (83%)
- Blue (84%)



- Red (97%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9115, 71.6652, 72.8880 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 73.9115, 71.6652, 72.8880 by changing the saturation by 10% instead.


 73.9115, 71.6652,
72.8880

 73.9115, 71.6652,
72.8880


463.2229,
466.3754, 489.6869

 55.0126, 52.8852,
53.3931


123.7665,
121.5804, 125.0376

 39.6457, 37.7112,
37.7268


155.4534,
153.4844, 158.5295

 27.4454, 25.7586,
25.4705


192.1336,
190.5320, 197.5241

 18.0463, 16.6431,
16.2058

234.1726,
233.1073, 242.4399

 11.0831, 9.9804,
9.5140

281.9356,
281.5950, 293.6956

 6.1905, 5.3859,
4.9765

335.7881,

 3.0030, 2.4754,

336.3793, 351.7096

2.1750

396.0954,
397.8446, 416.9005

■ 1.1554, 0.8643,
0.6599

■ 0.0707, 0.0000,
0.0000

■ 73.9115, 71.6652,
72.8880

■ 73.9115, 71.6652,
72.8880

■ 65.3791, 59.1192,
56.1118

■ 83.8431, 86.2869,
92.3559

■ 58.1775, 48.5458,
41.9045

■ 92.1681, 98.5143,
108.7651

■ 52.2415, 39.8476,
30.1409

■ 47.4978, 32.9151,
20.6832

■ 43.8659, 27.6276,
13.3800

■ 41.2553, 23.8491,
8.0620

■ 39.5611, 21.4219,
4.5344

■ 38.6562, 20.1536,
2.5632

■ 38.3966, 19.7897,
1.9979

Harmonies

Analogous

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



74.0837, 71.6652, 81.6032



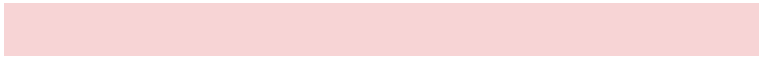
73.9115, 71.6652, 72.8880



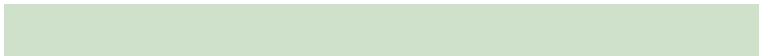
72.1580, 71.6652, 66.0700

Triad

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



73.9115, 71.6652, 72.8880



63.8000, 71.6652, 67.2178



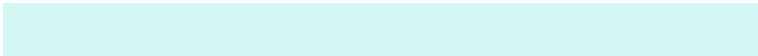
66.8943, 71.6652, 95.8544

Complementary

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



73.9115, 71.6652, 72.8880



77.0495, 87.1742, 99.9584

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.



64.2271, 71.6652, 91.3553



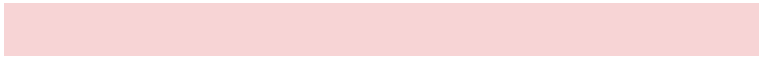
73.9115, 71.6652, 72.8880



62.4770, 71.6652, 74.5650

Square

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



73.9115, 71.6652, 72.8880



66.2953, 71.6652, 62.9704



62.6309, 71.6652, 83.4109



69.9690, 71.6652, 95.3201

Rectangle

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



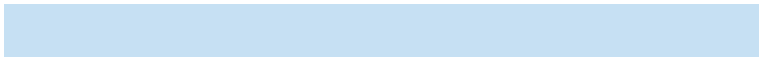
73.9115, 71.6652, 72.8880



70.3573, 71.6652, 63.3150



62.6309, 71.6652, 83.4109



65.9221, 71.6652, 94.8674

Sweetspot

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



73.9135, 71.6684, 72.8895



90.3271, 93.0419, 99.6566



78.2816, 73.3683, 98.0321



19.1496, 19.6437, 20.9701



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.



73.9135, 71.6684, 72.8895



76.6915, 72.9703, 72.9158



78.0787, 80.2005, 73.6563



16.5182, 16.4901, 17.2097



20.3152, 10.4695, 1.1022



1.7921, 0.9228, 0.1316

Inverse Universe

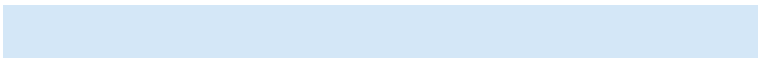
The Inverse Universe completely reimagines the original color for something new.



73.9135, 71.6684, 72.8895



76.6915, 72.9703, 72.9158



72.4253, 77.6806, 99.1731



16.5182, 16.4901, 17.2097



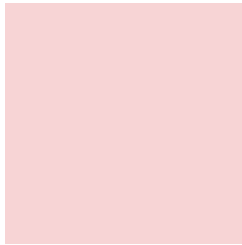
20.3152, 10.4695, 1.1022



1.7921, 0.9228, 0.1316

Previews

White Background



This preview shows how the XYZ color 73.9115, 71.6652, 72.8880 looks on a white background.

Color Contrast Check

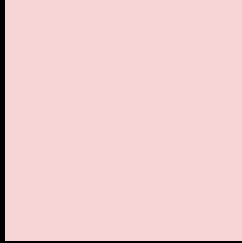
Large Text (above 18pt) WCAG AA × Fail

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 73.9115, 71.6652, 72.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

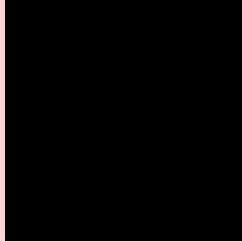
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9115, 71.6652, 72.8880

Background



This preview shows how black text looks on a background with the XYZ color 73.9115, 71.6652, 72.8880.



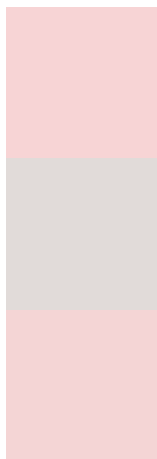
This preview shows how white text looks on a background with the XYZ color 73.9115, 71.6652,

72.8880.

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

73.9115, 71.6652, 72.8880

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

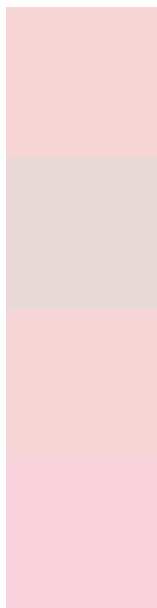
73.1127, 71.6257, 72.9225



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

73.9115, 71.6652, 72.8880

Protanomaly

70.5548, 71.3932, 75.0274

Deuteranomaly

73.4607, 71.8051, 72.9388

Tritanomaly

75.0568, 71.7654, 78.3028

Monochromacy



Original Color

73.9115, 71.6652, 72.8880

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3964, 72.9333, 77.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9115, 71.6652, 72.8880 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(247, 212, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 213)  
}
```

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(247, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.9115, 71.6652, 72.8880 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(247, 212, 213) }
```


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

```
.border{ border-color:rgb(247, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9115, 71.6652, 72.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 213) }
```

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

```
.background{ background-color: rgb(247,  
212, 213) }
```

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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