

Converting Colors

XYZ(103.3234, 85.9882,
72.1694)

Have a look what the booklet for
XYZ(103.3234, 85.9882, 72.1694)
contains.

XYZ(75.9195, 72.0063, 70.8700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9195, 72.0063,
70.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D2
RGB	255, 210, 210
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1764, 0.1765
CMYK	0.00, 0.18, 0.18, 0.00
HSL	0°, 100%, 91%
HSV	0°, 18%, 100%
XYZ	75.9195, 72.0063, 70.8700
YIQ	223.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

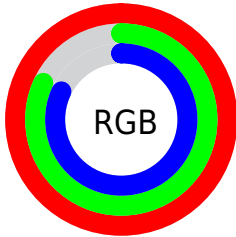
Format	Color
R _{YB}	255, 210, 210
Decimal	16765650
CIE _{Lab}	87.97, 15.76, 5.94
CIE _{LCh}	88, 16.845, 20.631
Yxy	72.0063, 0.3470, 0.3291
Android (android.graphics.Color)	4294955730 (0xFFFFD2D2)
YUV	223.4550, -6.6333, 27.6650
Hunter-Lab	84.8565, 11.2016, 9.8821

Details

The XYZ color **75.9195, 72.0063, 70.8700** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3873, 92.4390, 108.2134**, and the grayscale version is **70.4966, 74.1680, 80.7689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0108, 37.8488, 36.5965** is the 20% darker color. If you saturate the color by 10%, you get **67.1907, 59.2344, 53.5156**, and if you desaturate by 10%, it is **86.1607, 86.9926, 91.2278**.

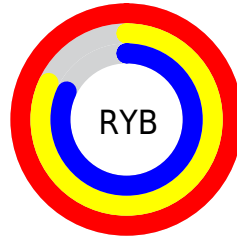
Distribution



Red (100%)

Green (82%)

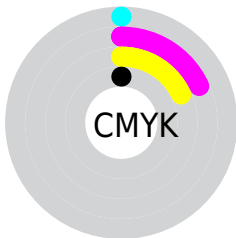
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

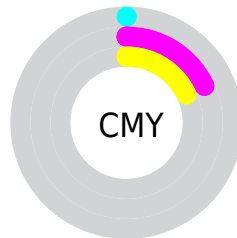


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9195, 72.0063, 70.8700 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 75.9195, 72.0063, 70.8700 by changing the saturation by 10% instead.


 75.9195, 72.0063,
70.8700

 75.9195, 72.0063,
70.8700


470.0207,
467.5635, 482.4703

 56.6633, 53.1638,
51.7549


126.5941,
122.0655, 122.1413

 40.9741, 37.9336,
36.4289


158.7432,
154.0510, 155.1347

 28.4864, 25.9311,
24.4733

195.9206,
191.1863, 193.5912

 18.8350, 16.7721,
15.4696

238.4918,
233.8558, 237.9294

 11.6544, 10.0722,
8.9994

286.8221,
282.4438, 288.5679

 6.5793, 5.4468,
4.6440

341.2767,

 3.2444, 2.5117,

337.3349, 345.9252

1.9849

402.2211,
398.9133, 410.4198

■ 1.2843, 0.8825,
0.5459

■ 0.1714, 0.0000,
0.0000

■ 75.9195, 72.0063,
70.8700

■ 75.9195, 72.0063,
70.8700

■ 67.1907, 59.2344,
53.5156

■ 86.1607, 86.9926,
91.2278

■ 59.8982, 48.5633,
39.0183

95.0500, 100.0000,
108.9000

■ 53.9664, 39.8834,
27.2263

■ 49.3111, 33.0713,
17.9722

■ 45.8387, 27.9900,
11.0697

■ 43.4427, 24.4838,
6.3072

■ 41.9978, 22.3692,
3.4354

■ 41.3383, 21.4040,
2.1249

■ 41.2403, 21.2606,
1.9301

Harmonies

Analogous

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



76.3403, 72.0063, 82.0562



75.9195, 72.0063, 70.8700



73.4528, 72.0063, 62.5270

Triad

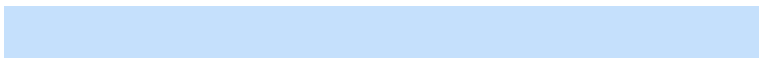
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9195, 72.0063, 70.8700



62.6453, 72.0063, 65.2017



67.1911, 72.0063, 102.2946

Complementary

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



75.9195, 72.0063, 70.8700



80.3873, 92.4390, 108.2134

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.



63.6603, 72.0063, 96.7608



75.9195, 72.0063, 70.8700



61.1042, 72.0063, 74.8591

Square

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



75.9195, 72.0063, 70.8700



65.7565, 72.0063, 59.4834



61.4683, 72.0063, 86.4509



71.1952, 72.0063, 100.9601

Rectangle

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



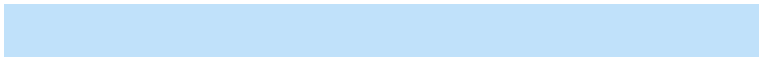
75.9195, 72.0063, 70.8700



71.0314, 72.0063, 59.3451



61.4683, 72.0063, 86.4509



65.9120, 72.0063, 101.1572

Sweetspot

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



75.9211, 72.0094, 70.8715



89.1316, 91.3398, 97.1340



82.3370, 74.5739, 104.6623



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

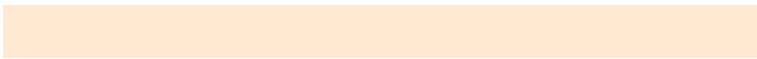
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9211, 72.0094, 70.8715



72.8286, 67.4842, 64.7236



81.8708, 83.9088, 72.8547



18.0096, 17.9874, 18.6670



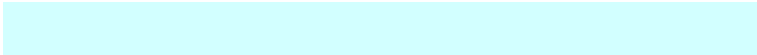
21.5490, 11.1092, 1.0085



2.0982, 1.0818, 0.0982

Inverse Universe

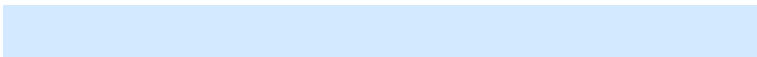
The Inverse Universe completely reimagines the original color for something new.



80.3873, 92.4390, 108.2134



78.0169, 91.2166, 108.1024



73.6266, 78.9174, 105.9598



18.5548, 20.4812, 23.2253



28.1127, 41.1350, 55.8927



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 75.9195, 72.0063, 70.8700 looks on a white background.

Color Contrast Check

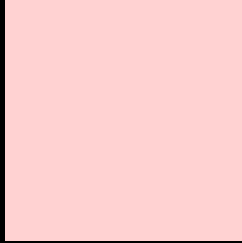
Large Text (above 18pt) WCAG AA × Fail

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 75.9195, 72.0063, 70.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

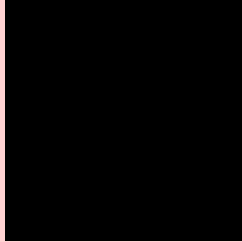
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9195, 72.0063, 70.8700

Background



This preview shows how black text looks on a background with the XYZ color 75.9195, 72.0063, 70.8700.



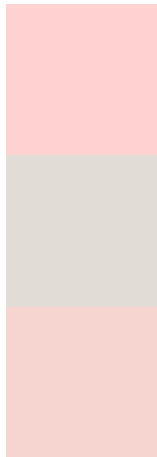
This preview shows how white text looks on a background with the XYZ color 75.9195, 72.0063,

70.8700.

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

75.9195, 72.0063, 70.8700

Protanopia

69.2230, 72.2614, 74.5894

Deuteranopia

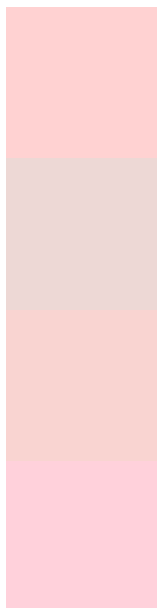
73.3089, 71.7848, 70.3137



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

75.9195, 72.0063, 70.8700

Protanomaly

71.4912, 71.9204, 73.0648

Deuteranomaly

74.1190, 71.8302, 70.2797

Tritanomaly

76.8266, 71.9754, 76.8613

Monochromacy



Original Color

75.9195, 72.0063, 70.8700

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.9872, 72.8669, 76.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9195, 72.0063, 70.8700 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, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 210)  
}
```

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, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.9195, 72.0063, 70.8700 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, 210, 210) }
```


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

```
.border{ border-color:rgb(255, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9195, 72.0063, 70.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 210) }
```

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

```
.background{ background-color: rgb(255,  
210, 210) }
```

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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