

# Converting Colors

XYZ(75.2806, 71.0715, 69.6000)

Have a look what the booklet for  
XYZ(75.2806, 71.0715, 69.6000)  
contains.

<b>XYZ(75.1810, 70.9258, 69.4021)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(75.1810, 70.9258,  
69.4021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD0D0
RGB	255, 208, 208
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1843, 0.1843
CMYK	0.00, 0.18, 0.18, 0.00
HSL	0°, 100%, 91%
HSV	0°, 18%, 100%
XYZ	75.1810, 70.9258, 69.4021
YIQ	222.0530, 28.0120, 9.9640

# Conversions

## Conversions Part 2

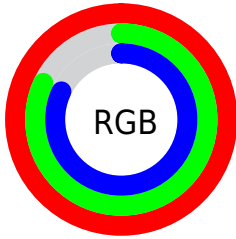
Format	Color
R <sub>Y</sub> B	255, 208, 208
Decimal	16765136
CIE Lab	87.45, 16.51, 6.24
CIE LCh	87, 17.648, 20.703
Yxy	70.9258, 0.3489, 0.3291
Android (android.graphics.Color)	4294955216 (0xFFFFD0D0)
YUV	222.0530, -6.9281, 28.8945
Hunter-Lab	84.2175, 11.9666, 10.0924

# Details

The XYZ color **75.1810, 70.9258, 69.4021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8214, 92.1471, 108.1869**, and the grayscale version is **69.5036, 73.1232, 79.6312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5127, 37.1213, 35.6017** is the 20% darker color. If you saturate the color by 10%, you get **66.5678, 58.3228, 52.2771**, and if you desaturate by 10%, it is **85.3014, 85.7353, 89.5196**.

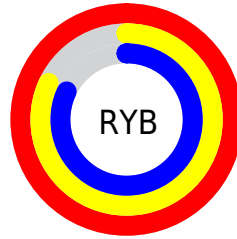
# Distribution



Red (100%)

Green (82%)

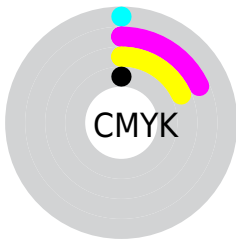
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

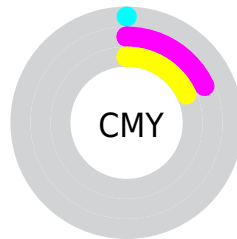


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1810, 70.9258, 69.4021 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 75.1810, 70.9258, 69.4021 by changing the saturation by 10% instead.




 75.1810, 70.9258,  
69.4021

 75.1810, 70.9258,  
69.4021


467.5271,  
463.7940, 477.1802

 56.0559, 52.2816,  
50.5655

125.5551,  
120.5281, 120.0288

 40.4849, 37.2296,  
35.4886

157.5348,  
152.2550, 152.6560

 28.1027, 25.3853,  
23.7529

194.5300,  
189.1116, 190.7171

 18.5439, 16.3644,  
14.9399

236.9061,  
231.4823, 234.6306

 11.4433, 9.7824,  
8.6311

285.0286,  
279.7515, 284.8151

 6.4353, 5.2549,  
4.4078

339.2626,

 3.1547, 2.3976,

334.3036, 341.6892

1.8516

399.9737,  
395.5230, 405.6714

■ 1.2361, 0.8246,  
0.4617

■ 0.1346, 0.0000,  
0.0000

■ 75.1810, 70.9258,  
69.4021

■ 75.1810, 70.9258,  
69.4021

■ 66.5678, 58.3228,  
52.2771

■ 85.3014, 85.7353,  
89.5196

■ 59.3848, 47.8121,  
37.9977

95.0500, 100.0000,  
108.9000

■ 53.5563, 39.2833,  
26.4111

■ 48.9973, 32.6121,  
17.3484

■ 45.6134, 27.6602,  
10.6218

■ 43.2968, 24.2703,  
6.0173

■ 41.9203, 22.2558,  
3.2815

■ 41.3056, 21.3562,  
2.0600

■ 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.



75.6247, 70.9258, 80.9890



75.1810, 70.9258, 69.4021



72.6105, 70.9258, 60.8096

# Triad

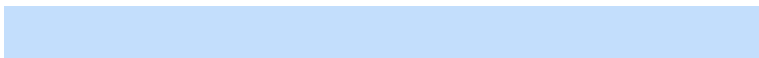
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1810, 70.9258, 69.4021



61.4062, 70.9258, 63.5983



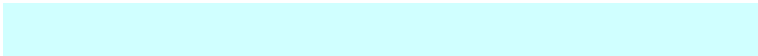
66.1280, 70.9258, 102.1300

# Complementary

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



75.1810, 70.9258, 69.4021



79.8214, 92.1471, 108.1869

# 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.



62.4694, 70.9258, 96.3596



75.1810, 70.9258, 69.4021



59.8181, 70.9258, 73.5816

# Square

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



75.1810, 70.9258, 69.4021



64.6225, 70.9258, 57.7060



60.1991, 70.9258, 85.6172



70.2824, 70.9258, 100.7159



# Rectangle

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



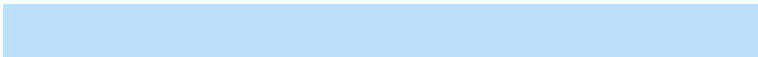
75.1810, 70.9258, 69.4021



70.0928, 70.9258, 57.5477



60.1991, 70.9258, 85.6172



64.8021, 70.9258, 100.9457

# Sweetspot

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



75.1827, 70.9289, 69.4036



87.9959, 89.6780, 94.8763



81.8462, 73.5925, 104.4987



18.6778, 18.9652, 19.9955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

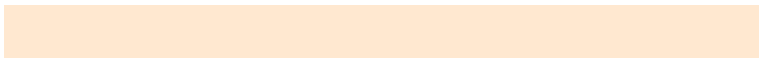
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1827, 70.9289, 69.4036



71.9389, 66.1823, 62.9548



81.3416, 83.2467, 71.4565



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



2.0982, 1.0818, 0.0982

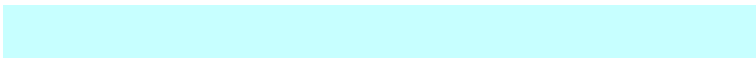


# Inverse Universe

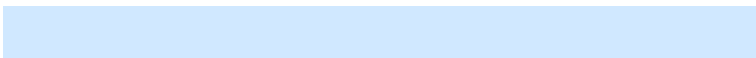
The Inverse Universe completely reimagines the original color for something new.



79.8214, 92.1471, 108.1869



77.3349, 90.8649, 108.0704



72.7791, 78.0627, 105.8395



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 75.1810, 70.9258, 69.4021 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

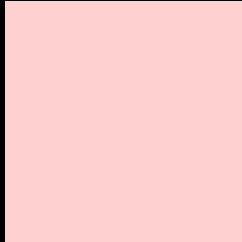
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.1810, 70.9258, 69.4021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

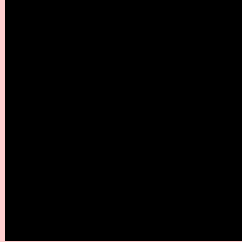
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.1810, 70.9258, 69.4021

## Background



This preview shows how black text looks on a background with the XYZ color 75.1810, 70.9258, 69.4021.



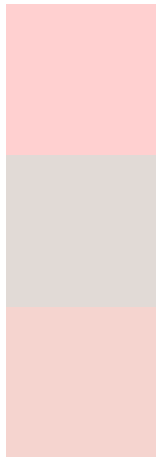
This preview shows how white text looks on a background with the XYZ color 75.1810, 70.9258,



# 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

75.1810, 70.9258, 69.4021

### Protanopia

68.2603, 71.0054, 73.7260

### Deuteranopia

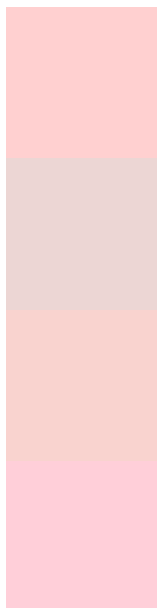
72.4622, 71.0044, 68.9175



## Tritanopia

76.7376, 71.1596, 78.7979

# Trichromacy



## Original Color

75.1810, 70.9258, 69.4021

## Protanomaly

70.5223, 70.6795, 72.2129

## Deuteranomaly

73.6237, 71.2333, 68.9005

## Tritanomaly

76.0772, 70.8954, 75.3201

# Monochromacy



## Original Color

75.1810, 70.9258, 69.4021

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

71.2689, 72.1279, 75.8114

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.1810, 70.9258, 69.4021 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, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 208)  
}
```

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, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 75.1810, 70.9258, 69.4021 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, 208, 208) }
```



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

```
.border{ border-color:rgb(255, 208, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.1810, 70.9258, 69.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 208) }
```

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

```
.background{ background-color: rgb(255,  
208, 208) }
```

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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