

# Converting Colors

XYZ(76.0461, 67.6901, 61.5613)

Have a look what the booklet for  
XYZ(76.0461, 67.6901, 61.5613)  
contains.

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# Color

**XYZ(71.1701, 65.1780,  
61.0541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC5C4
RGB	255, 197, 196
RGB Percent	100%, 77%, 77%
CMY	0.0000, 0.2274, 0.2314
CMYK	0.00, 0.23, 0.23, 0.00
HSL	1°, 100%, 88%
HSV	1°, 23%, 100%
XYZ	71.1701, 65.1780, 61.0541
YIQ	214.2280, 34.8890, 11.9850

# Conversions

## Conversions Part 2

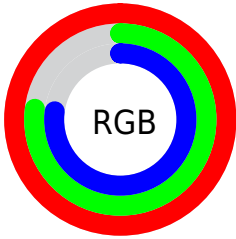
Format	Color
R <sub>Y</sub> B	255, 197, 196
Decimal	16762308
CIE Lab	84.58, 20.52, 8.48
CIE LCh	85, 22.205, 22.459
Yxy	65.1780, 0.3605, 0.3302
Android (android.graphics.Color)	4294952388 (0xFFFFC5C4)
YUV	214.2280, -8.9864, 35.7570
Hunter-Lab	80.7329, 16.0742, 11.6751

# Details

The XYZ color **71.1701, 65.1780, 61.0541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2556, 89.8366, 107.9288**, and the grayscale version is **64.1135, 67.4524, 73.4557**.

A 20% lighter version of the original color is **94.4114, 99.2355, 107.1069**, and **37.7309, 33.4682, 30.0626** is the 20% darker color. If you saturate the color by 10%, you get **63.2844, 53.6636, 45.3021**, and if you desaturate by 10%, it is **80.4984, 78.7880, 79.7223**.

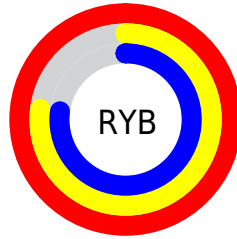
# Distribution



Red (100%)

Green (77%)

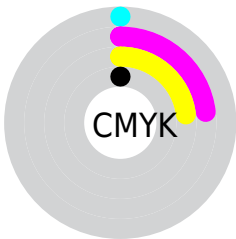
Blue (77%)



Red (100%)

Yellow (77%)

Blue (77%)

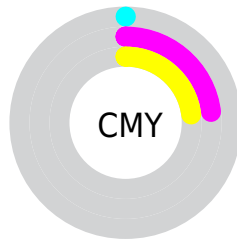


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1701, 65.1780, 61.0541 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 71.1701, 65.1780, 61.0541 by changing the saturation by 10% instead.



71.1701, 65.1780,  
61.0541

71.1701, 65.1780,  
61.0541

453.8504,  
443.4313, 446.3844

52.7641, 47.6054,  
43.8380

119.8931,  
112.3057, 107.9156

37.8412, 33.5145,  
30.2069

150.9408,  
142.6297, 138.3980

26.0361, 22.5209,  
19.7423

186.9330,  
177.9729, 174.1396

16.9835, 14.2401,  
12.0256

228.2352,  
218.7197, 215.5589

10.3179, 8.2879,  
6.6384

275.2127,  
265.2546, 263.0746

5.6741, 4.2797,  
3.1620

328.2308,

2.6867, 1.8312,

317.9619, 317.1050

1.1779

387.6549,  
377.2260, 378.0687

■ 0.9904, 0.5065,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 71.1701, 65.1780,  
61.0541

■ 71.1701, 65.1780,  
61.0541

■ 63.2844, 53.6636,  
45.3021

■ 80.4984, 78.7880,  
79.7223

■ 56.7652, 44.1328,  
32.3153

■ 91.3316, 94.5812,  
101.4392

■ 51.5361, 36.4762,  
21.9354

95.0500, 100.0000,  
108.9000

■ 47.5114, 30.5702,  
13.9865

■ 44.5953, 26.2766,  
8.2709

■ 42.6771, 23.4365,  
4.5600

■ 41.6235, 21.8587,  
2.5765

■ 41.2871, 21.3543,  
1.9457

# Harmonies

## Analogous

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



71.8741, 65.1780, 74.6062



71.1701, 65.1780, 61.0541



67.9331, 65.1780, 51.4713

# Triad

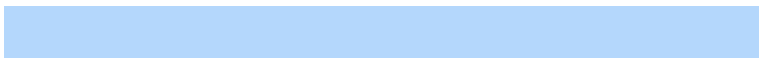
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1701, 65.1780, 61.0541



54.7041, 65.1780, 55.6181



60.7088, 65.1780, 101.5708

# Complementary

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



71.1701, 65.1780, 61.0541



76.2556, 89.8366, 107.9288

# 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.



56.3284, 65.1780, 94.8539



71.1701, 65.1780, 61.0541



52.9838, 65.1780, 67.4496

# Square

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



71.1701, 65.1780, 61.0541



58.3839, 65.1780, 48.6367



53.5622, 65.1780, 81.9004



65.6579, 65.1780, 99.2619



# Rectangle

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



71.1701, 65.1780, 61.0541



64.8633, 65.1780, 48.0175



53.5622, 65.1780, 81.9004



59.1247, 65.1780, 100.2659

# Sweetspot

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



71.1716, 65.1809, 61.0554



86.9638, 88.2148, 92.6794



78.8723, 67.8973, 102.7284



18.4722, 18.6752, 19.5533



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.



71.1716, 65.1809, 61.0554



67.1603, 59.3249, 53.0390



78.5321, 79.9019, 63.5089



18.0342, 18.0365, 18.6752



21.5841, 11.1795, 1.0202



2.1099, 1.1052, 0.1021

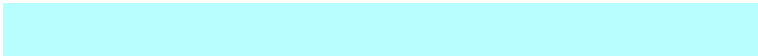


# Inverse Universe

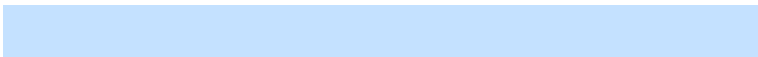
The Inverse Universe completely reimagines the original color for something new.



76.2556, 89.8366, 107.9288



73.0948, 88.1077, 107.7617



67.6103, 72.5458, 105.0470



18.5268, 20.4252, 23.2159



27.4133, 39.7361, 55.6596



2.6773, 3.8853, 5.4221



# Previews

## White Background



This preview shows how the XYZ color 71.1701, 65.1780, 61.0541 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

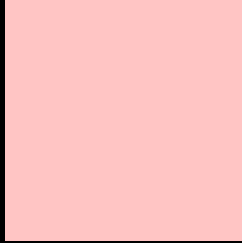
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.1701, 65.1780, 61.0541 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

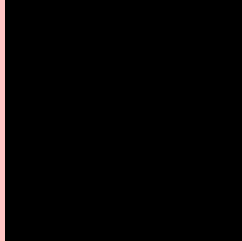
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.1701, 65.1780, 61.0541

## Background



This preview shows how black text looks on a background with the XYZ color 71.1701, 65.1780, 61.0541.



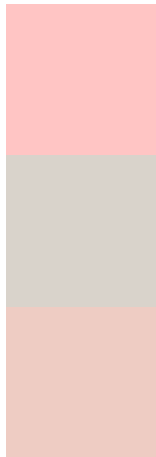
This preview shows how white text looks on a background with the XYZ color 71.1701, 65.1780,



# 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

71.1701, 65.1780, 61.0541

### Protanopia

62.6890, 65.6520, 65.8680

### Deuteranopia

66.7031, 65.3030, 60.7189



## Tritanopia

72.6128, 65.3930, 69.7678

# Trichromacy



## Original Color

71.1701, 65.1780, 61.0541

## Protanomaly

65.4516, 65.3017, 63.7984

## Deuteranomaly

68.0452, 64.9465, 60.5793

## Tritanomaly

71.9994, 65.1476, 66.5376

# Monochromacy



## Original Color

71.1701, 65.1780, 61.0541

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

66.1315, 66.2748, 68.3383

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.1701, 65.1780, 61.0541 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, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 196)  
}
```

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, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 71.1701, 65.1780, 61.0541 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, 197, 196) }
```



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

```
.border{ border-color:rgb(255, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.1701, 65.1780, 61.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 196) }
```

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

```
.background{ background-color: rgb(255,  
197, 196) }
```

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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