

# Converting Colors

XYZ(76.1740, 72.8737, 65.2807)

Have a look what the booklet for  
XYZ(76.1740, 72.8737, 65.2807)  
contains.

<b>XYZ(75.3261, 72.5640, 65.2945)</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(75.3261, 72.5640,  
65.2945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD4C9
RGB	255, 212, 201
RGB Percent	100%, 83%, 79%
CMY	0.0000, 0.1686, 0.2118
CMYK	0.00, 0.17, 0.21, 0.00
HSL	12°, 100%, 89%
HSV	12°, 21%, 100%
XYZ	75.3261, 72.5640, 65.2945
YIQ	223.6030, 29.1590, 5.6950

# Conversions

## Conversions Part 2

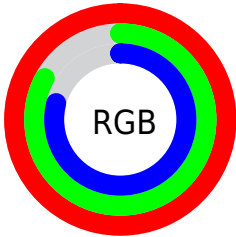
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 215, 201
Decimal	16766153
CIE Lab	88.24, 13.40, 11.07
CIE LCh	88, 17.378, 39.555
Yxy	72.5640, 0.3533, 0.3404
Android (android.graphics.Color)	4294956233 (0xFFFFD4C9)
YUV	223.6030, -11.1433, 27.5352
Hunter-Lab	85.1845, 8.7693, 14.1830

# Details

The XYZ color **75.3261, 72.5640, 65.2945** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4871, 84.3363, 106.9604**, and the grayscale version is **70.6321, 74.3105, 80.9242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6121, 38.2263, 32.8417** is the 20% darker color. If you saturate the color by 10%, you get **67.8117, 61.9439, 49.1985**, and if you desaturate by 10%, it is **83.9802, 84.6662, 84.2289**.

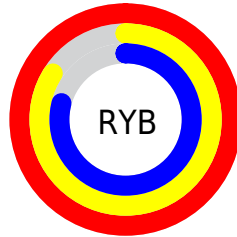
# Distribution



Red (100%)

Green (83%)

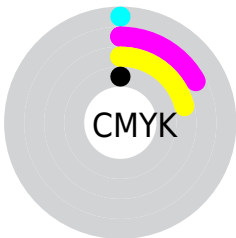
Blue (79%)



Red (100%)

Yellow (84%)

Blue (79%)

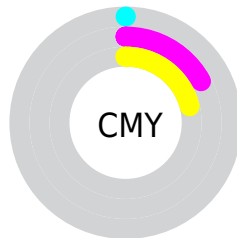


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3261, 72.5640, 65.2945 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 75.3261, 72.5640, 65.2945 by changing the saturation by 10% instead.




 75.3261, 72.5640,  
65.2945

 75.3261, 72.5640,  
65.2945


468.0176,  
469.5023, 462.1847

 56.1752, 53.6195,  
47.2471


125.7593,  
122.8581, 114.0905

 40.5810, 38.2976,  
32.8753


157.7723,  
154.9764, 145.6761

 28.1780, 26.2137,  
21.7606

194.8034,  
192.2549, 182.6115

 18.6010, 16.9836,  
13.4844

237.2180,  
235.0778, 225.3153

 11.4846, 10.2228,  
7.6283

285.3813,  
283.8296, 274.2060

 6.4635, 5.5469,  
3.7737

339.6588,

 3.1722, 2.5716,

338.8947, 329.7020

1.5020

400.4157,  
400.6575, 392.2221

■ 1.2455, 0.9124,  
0.2195

■ 0.1418, 0.0000,  
0.0000

■ 75.3261, 72.5640,  
65.2945

■ 75.3261, 72.5640,  
65.2945

■ 67.8117, 61.9439,  
49.1985

■ 83.9802, 84.6662,  
84.2289

■ 61.3837, 52.7391,  
35.7992

■ 93.8141, 98.2946,  
106.1250

■ 55.9920, 44.8923,  
24.9495

95.0500, 100.0000,  
108.9000

■ 51.5808, 38.3380,  
16.4862

■ 48.0883, 33.0056,  
10.2271

■ 45.4455, 28.8173,  
5.9635

■ 43.5726, 25.6856,  
3.4460

■ 42.4665, 23.7131,  
2.3388

# Harmonies

## Analogous

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



77.1666, 72.5640, 75.2661



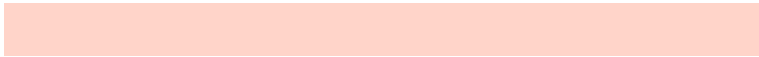
75.3261, 72.5640, 65.2945



71.8033, 72.5640, 59.4210

# Triad

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



75.3261, 72.5640, 65.2945



61.7396, 72.5640, 71.2712



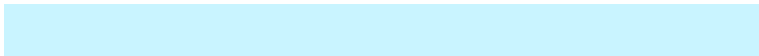
70.3069, 72.5640, 103.8353

# Complementary

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



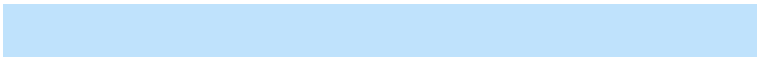
75.3261, 72.5640, 65.2945



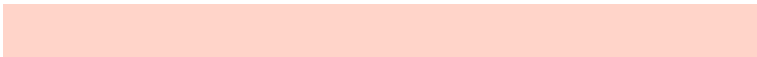
74.4871, 84.3363, 106.9604

# 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.



66.2120, 72.5640, 102.4904



75.3261, 72.5640, 65.2945



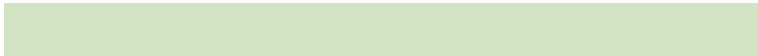
61.3752, 72.5640, 82.8758

# Square

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



75.3261, 72.5640, 65.2945



63.9980, 72.5640, 62.6232



62.9817, 72.5640, 94.5227



74.1929, 72.5640, 98.0315



# Rectangle

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



75.3261, 72.5640, 65.2945



69.0321, 72.5640, 58.2355



62.9817, 72.5640, 94.5227



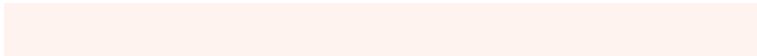
68.9078, 72.5640, 104.2164

# Sweetspot

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



75.3278, 72.5672, 65.2960



88.9198, 91.5258, 95.1843



78.4866, 69.5779, 95.0407



18.8953, 19.4001, 20.0679



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

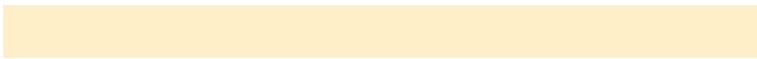
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3278, 72.5672, 65.2960



72.3219, 68.3334, 58.8125



82.5909, 87.0934, 67.7170



18.3092, 18.5865, 18.7669



22.2735, 12.5583, 1.2500

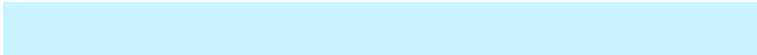


2.2420, 1.3693, 0.1461

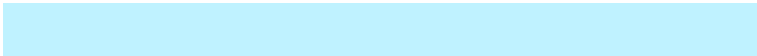


# Inverse Universe

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



74.4871, 84.3363, 106.9604



71.3533, 81.8379, 106.6433



67.0026, 69.3672, 104.4655



18.2220, 19.8156, 23.1143



20.7043, 26.3182, 53.4233

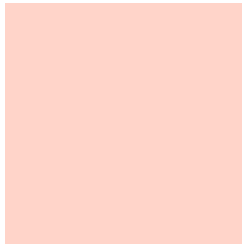


2.0916, 2.7139, 5.2269



# Previews

## White Background



This preview shows how the XYZ color 75.3261, 72.5640, 65.2945 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

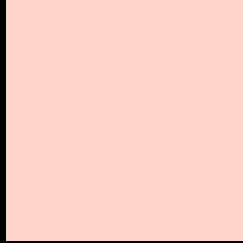
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.3261, 72.5640, 65.2945 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 75.3261, 72.5640, 65.2945**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.3261, 72.5640, 65.2945.



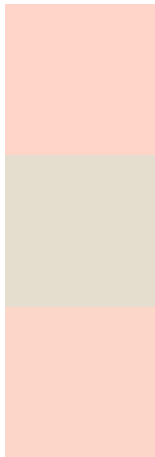
This preview shows how white text looks on a background with the XYZ color 75.3261, 72.5640,

65.2945.

# 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

75.3261, 72.5640, 65.2945

### Protanopia

69.3101, 72.8271, 68.7965

### Deuteranopia

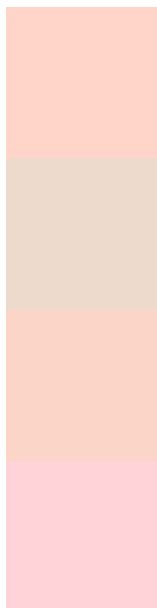
74.3728, 72.8194, 65.3940



## Tritanopia

77.7411, 72.7350, 80.4629

# Trichromacy



## Original Color

75.3261, 72.5640, 65.2945

## Protanomaly

71.2304, 72.6796, 67.4011

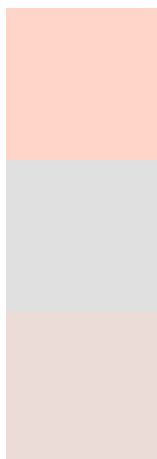
## Deuteranomaly

74.4817, 72.5010, 65.3268

## Tritanomaly

76.9289, 72.8064, 74.9642

# Monochromacy



## Original Color

75.3261, 72.5640, 65.2945

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

72.2488, 73.8064, 75.4039

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.3261, 72.5640, 65.2945 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, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 201)  
}
```

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, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 75.3261, 72.5640, 65.2945 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, 212, 201) }
```



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

```
.border{ border-color:rgb(255, 212, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.3261, 72.5640, 65.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 201) }
```

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

```
.background{ background-color: rgb(255,  
212, 201) }
```

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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