

# Converting Colors

XYZ(75.8149, 76.4224, 65.4044)

Have a look what the booklet for  
XYZ(75.8149, 76.4224, 65.4044)  
contains.

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# **Color**

**XYZ(75.7061, 76.2070,  
65.3629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADDC8
RGB	250, 221, 200
RGB Percent	98%, 87%, 78%
CMY	0.0196, 0.1333, 0.2157
CMYK	0.00, 0.12, 0.20, 0.02
HSL	25°, 83%, 88%
HSV	25°, 20%, 98%
XYZ	75.7061, 76.2070, 65.3629
YIQ	227.2770, 24.0250, -0.3830

# Conversions

## Conversions Part 2

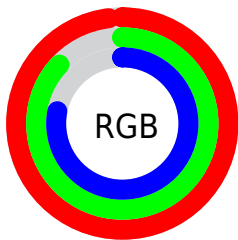
Format	Color
R <sub>Y</sub> B	250, 236, 200
Decimal	16440776
CIE Lab	89.96, 6.78, 13.97
CIE LCh	90, 15.525, 64.109
Yxy	76.2070, 0.3484, 0.3507
Android (android.graphics.Color)	4294630856 (0xFFFA <sup>DD</sup> C8)
YUV	227.2770, -13.4476, 19.9281
Hunter-Lab	87.2966, 2.0312, 16.7145

# Details

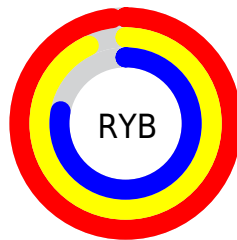
The XYZ color **75.7061, 76.2070, 65.3629** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0936, 75.2183, 101.3199**, and the grayscale version is **73.2995, 77.1168, 83.9802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8168, 40.6852, 32.8959** is the 20% darker color. If you saturate the color by 10%, you get **69.3565, 67.8072, 49.9909**, and if you desaturate by 10%, it is **82.8682, 85.4660, 83.3644**.

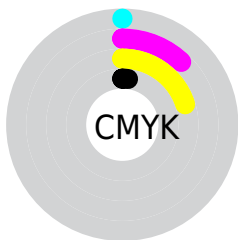
# Distribution



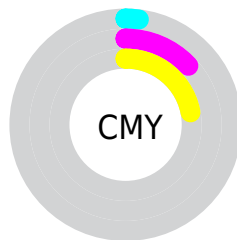
- Red (98%)
- Green (87%)
- Blue (78%)



- Red (98%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (13%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7061, 76.2070, 65.3629 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 75.7061, 76.2070, 65.3629 by changing the saturation by 10% instead.




 75.7061, 76.2070,  
65.3629

 75.7061, 76.2070,  
65.3629


469.3009,  
482.0560, 462.4368

 56.4878, 56.6023,  
47.3022


126.2939,  
128.0195, 114.1897

 40.8327, 40.6860,  
32.9186


158.3942,  
160.9960, 145.7929

 28.3754, 28.0738,  
21.7935


195.5190,  
199.1986, 182.7473

 18.7508, 18.3813,  
13.5083

238.0339,  
243.0116, 225.4715

 11.5933, 11.2241,  
7.6447

286.3042,  
292.8194, 274.3840

 6.5376, 6.2178,  
3.7840

340.6952,

 3.2184, 2.9779,

349.0065, 329.9033

1.5076

401.5723,  
411.9573, 392.4481

■ 1.2703, 1.1202,  
0.2236

■ 0.1608, 0.0000,  
0.0000

■ 75.7061, 76.2070,  
65.3629

■ 75.7061, 76.2070,  
65.3629

■ 69.3565, 67.8072,  
49.9909

■ 82.8682, 85.4660,  
83.3644

■ 63.7817, 60.2302,  
37.1188

■ 90.8662, 95.5984,  
104.1072

■ 58.9500, 53.4522,  
26.6129

■ 93.2346, 99.0641,  
108.8150

■ 54.8248, 47.4442,  
18.3250

■ 51.3659, 42.1748,  
12.0901

■ 48.5282, 37.6102,  
7.7196

■ 46.2592, 33.7127,  
4.9889

■ 44.4787, 30.4324,  
3.5298

■ 44.4786, 30.4322,  
3.5297

# Harmonies

## Analogous

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



78.7222, 76.2070, 71.6699



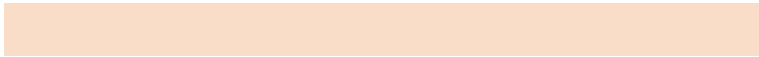
75.7061, 76.2070, 65.3629



71.9045, 76.2070, 63.6139

# Triad

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



75.7061, 76.2070, 65.3629



65.3117, 76.2070, 84.5014



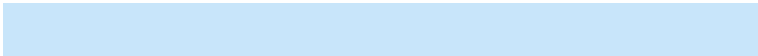
76.6541, 76.2070, 101.7537

# Complementary

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



75.7061, 76.2070, 65.3629



69.0936, 75.2183, 101.3199

# 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.



72.9630, 76.2070, 105.9162



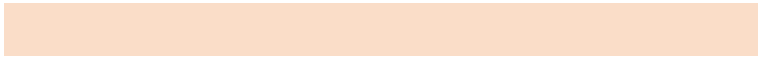
75.7061, 76.2070, 65.3629



66.4870, 76.2070, 95.4137

# Square

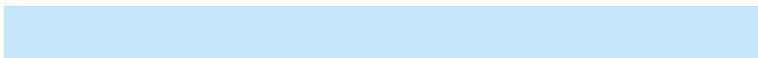
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7061, 76.2070, 65.3629



65.9884, 76.2070, 74.0774



69.2546, 76.2070, 103.5001



79.2830, 76.2070, 92.5612



# Rectangle

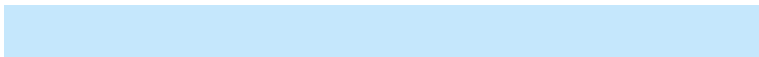
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7061, 76.2070, 65.3629



69.4569, 76.2070, 65.1259



69.2546, 76.2070, 103.5001



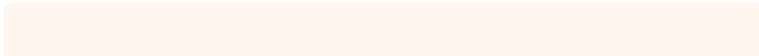
75.4918, 76.2070, 103.8227

# Sweetspot

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



75.7081, 76.2104, 65.3645



89.9182, 93.5226, 95.5171



74.2455, 67.3000, 83.3286



19.1308, 19.8711, 20.1464



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.



75.7081, 76.2104, 65.3645



76.4199, 76.0756, 61.5775



82.7554, 90.3049, 67.7136



17.8438, 18.4235, 18.0780



23.7276, 16.4118, 1.9172



2.2998, 1.7245, 0.2116

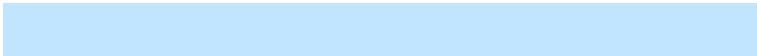


# Inverse Universe

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



69.0936, 75.2183, 101.3199



68.3465, 74.8622, 105.4553



62.7082, 62.4476, 99.1915



17.1192, 18.3152, 22.0182



14.6672, 14.6899, 50.0359

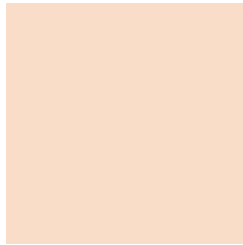


1.4633, 1.5702, 4.6691



# Previews

## White Background



This preview shows how the XYZ color 75.7061, 76.2070, 65.3629 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

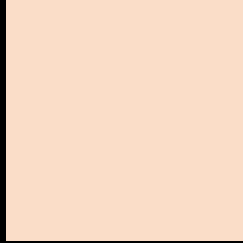
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.7061, 76.2070, 65.3629 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

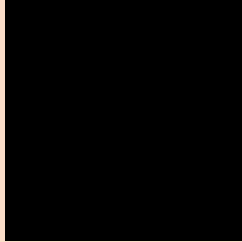
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.7061, 76.2070, 65.3629**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.7061, 76.2070, 65.3629.



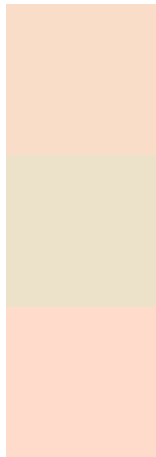
This preview shows how white text looks on a background with the XYZ color 75.7061, 76.2070,



# 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

75.7061, 76.2070, 65.3629

### Protanopia

72.4491, 76.4898, 66.8227

### Deuteranopia

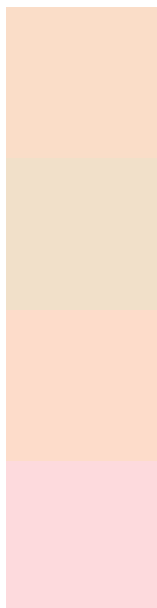
77.3510, 76.2348, 67.1379



## Tritanopia

80.1369, 76.0658, 87.5493

# Trichromacy



## Original Color

75.7061, 76.2070, 65.3629

## Protanomaly

73.4739, 76.2291, 66.0995

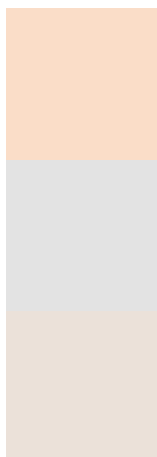
## Deuteranomaly

76.7619, 76.3333, 66.5651

## Tritanomaly

78.6306, 76.2459, 78.9793

# Monochromacy



## Original Color

75.7061, 76.2070, 65.3629

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.7105, 76.5223, 76.5310

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7061, 76.2070, 65.3629 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(250, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 200)  
}
```

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(250, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 200) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7061, 76.2070, 65.3629 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(250, 221, 200) }
```



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

```
.border{ border-color:rgb(250, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
200) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7061, 76.2070, 65.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 200) }
```

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

```
.background{ background-color: rgb(250,  
221, 200) }
```

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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