

# Converting Colors

XYZ(75.6504, 78.7649, 57.1149)

Have a look what the booklet for  
XYZ(75.6504, 78.7649, 57.1149)  
contains.

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# Color

**XYZ(75.6504, 78.7649,  
57.1149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE3B9
RGB	250, 227, 185
RGB Percent	98%, 89%, 73%
CMY	0.0196, 0.1098, 0.2745
CMYK	0.00, 0.09, 0.26, 0.02
HSL	39°, 87%, 85%
HSV	39°, 26%, 98%
XYZ	75.6504, 78.7649, 57.1149
YIQ	229.0890, 27.1900, -8.1860

# Conversions

## Conversions Part 2

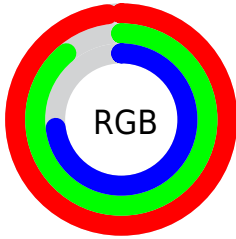
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 250, 185
Decimal	16442297
CIE Lab	91.13, 1.61, 23.41
CIE LCh	91, 23.462, 86.061
Yxy	78.7649, 0.3576, 0.3724
Android (android.graphics.Color)	4294632377 (0xFFFAE3B9)
YUV	229.0890, -21.7359, 18.3389
Hunter-Lab	88.7496, -3.1579, 23.9686

# Details

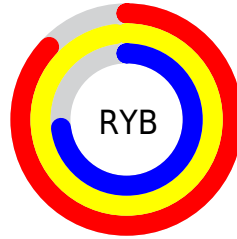
The XYZ color **75.6504, 78.7649, 57.1149** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.8184, 62.3267, 99.3204**, and the grayscale version is **74.6843, 78.5737, 85.5668**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **40.9097, 42.5084, 27.8786** is the 20% darker color. If you saturate the color by 10%, you get **70.8833, 73.0890, 43.6302**, and if you desaturate by 10%, it is **81.0100, 84.8821, 73.0883**.

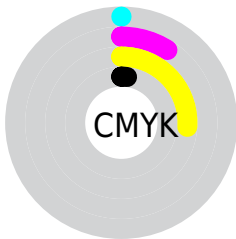
# Distribution



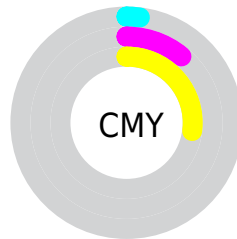
- Red (98%)
- Green (89%)
- Blue (73%)



- Red (87%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6504, 78.7649, 57.1149 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 75.6504, 78.7649, 57.1149 by changing the saturation by 10% instead.





 75.6504, 78.7649,  
57.1149

 75.6504, 78.7649,  
57.1149


469.1129,  
490.7606, 431.3855

 56.4419, 58.7025,  
40.6875


 126.2156,  
131.6278, 102.1348

 40.7957, 42.3737,  
27.7571


158.3030,  
165.1972, 131.5644

 28.3465, 29.3940,  
17.9052


195.4142,  
204.0377, 166.1652

 18.7288, 19.3791,  
10.7132

237.9144,  
248.5337, 206.3557

 11.5773, 11.9445,  
5.7626

286.1690,  
299.0696, 252.5545

 6.5267, 6.7059,  
2.6348

340.5434,

 3.2116, 3.2789,

356.0298, 305.1800

0.9104

401.4029,  
419.7987, 364.6508

■ 1.2666, 1.2790,  
0.0000

■ 0.1580, 0.1249,  
0.0000

■ 75.6504, 78.7649,  
57.1149

■ 75.6504, 78.7649,  
57.1149

■ 70.8833, 73.0890,  
43.6302

■ 81.0100, 84.8821,  
73.0883

■ 66.6763, 67.8304,  
32.5007

■ 86.9803, 91.4425,  
91.6646

■ 63.0032, 62.9781,  
23.5877

■ 92.7701, 98.1353,  
108.6602

■ 59.8326, 58.5167,  
16.7360

■ 93.2345, 99.0641,  
108.8150

■ 57.1294, 54.4287,  
11.7699

■ 54.8525, 50.6947,  
8.4842

■ 52.9519, 47.2911,  
6.6244

■ 52.2672, 46.0094,  
6.1259

# Harmonies

## Analogous

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



81.4172, 78.7649, 61.4054



75.6504, 78.7649, 57.1149



69.9615, 78.7649, 59.6258

# Triad

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



75.6504, 78.7649, 57.1149



65.0734, 78.7649, 100.9351



84.7355, 78.7649, 105.3326

# Complementary

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



75.6504, 78.7649, 57.1149



59.8184, 62.3267, 99.3204

# Split Complementary

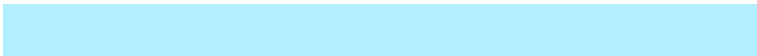
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9896, 78.7649, 118.5974



75.6504, 78.7649, 57.1149



68.6716, 78.7649, 115.8323

# Square

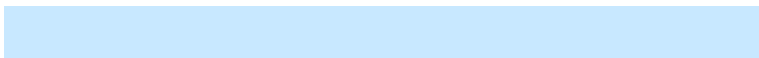
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6504, 78.7649, 57.1149



64.0467, 78.7649, 83.5358



74.0824, 78.7649, 122.6716



86.8348, 78.7649, 88.0265

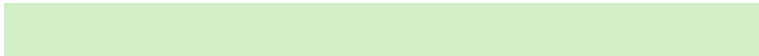


# Rectangle

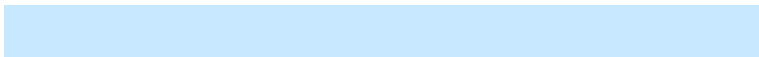
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6504, 78.7649, 57.1149



66.9437, 78.7649, 65.0244



74.0824, 78.7649, 122.6716



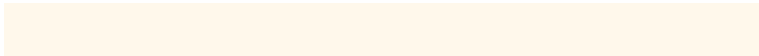
83.3849, 78.7649, 110.4964

# Sweetspot

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



75.6525, 78.7685, 57.1165



89.6784, 94.2366, 91.7575



68.2621, 59.6181, 68.1240



18.9888, 19.9459, 18.9935



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

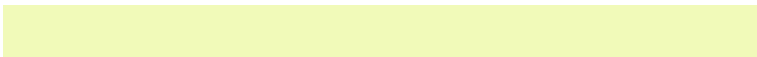
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6525, 78.7685, 57.1165



76.5501, 79.3497, 52.3298



79.3327, 90.6340, 59.2129



18.1805, 19.0969, 18.1903



27.8646, 24.6858, 3.2962



2.6805, 2.4858, 0.3385



# Inverse Universe

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



59.8184, 62.3267, 99.3204



57.5159, 59.5898, 103.0783



56.7679, 53.0264, 97.6860



16.7854, 17.6476, 21.9069



11.1454, 7.6465, 48.8620



1.1280, 0.8996, 4.5574



# Previews

## White Background



This preview shows how the XYZ color 75.6504, 78.7649, 57.1149 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

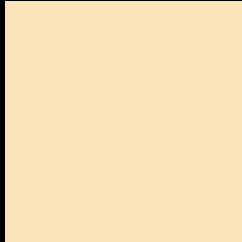
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6504, 78.7649, 57.1149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

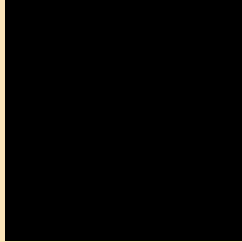
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.6504, 78.7649, 57.1149**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6504, 78.7649, 57.1149.



This preview shows how white text looks on a background with the XYZ color 75.6504, 78.7649,



# 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

75.6504, 78.7649, 57.1149

### Protanopia

73.8444, 78.6385, 57.7411

### Deuteranopia

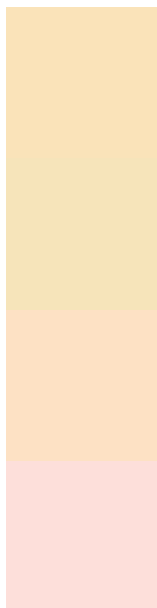
78.5563, 78.8356, 66.9535



## Tritanopia

82.1193, 78.5608, 90.9564

# Trichromacy



## Original Color

75.6504, 78.7649, 57.1149

## Protanomaly

74.6124, 78.6248, 57.6980

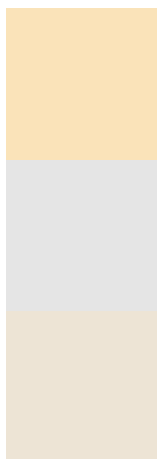
## Deuteranomaly

77.3970, 78.7186, 63.3395

## Tritanomaly

79.5506, 78.7200, 77.3314

# Monochromacy



## Original Color

75.6504, 78.7649, 57.1149

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.6787, 78.2954, 74.1273

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6504, 78.7649, 57.1149 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, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 185)  
}
```

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, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6504, 78.7649, 57.1149 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, 227, 185) }
```



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

```
.border{ border-color:rgb(250, 227, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6504, 78.7649, 57.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 185) }
```

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

```
.background{ background-color: rgb(250,  
227, 185) }
```

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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