

# Converting Colors

XYZ(75.1822, 78.1775, 66.1776)

Have a look what the booklet for  
XYZ(75.1822, 78.1775, 66.1776)  
contains.

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# Color

**XYZ(75.3199, 78.3883,  
66.4190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E3C9
RGB	244, 227, 201
RGB Percent	96%, 89%, 79%
CMY	0.0431, 0.1098, 0.2118
CMYK	0.00, 0.07, 0.18, 0.04
HSL	36°, 66%, 87%
HSV	36°, 18%, 96%
XYZ	75.3199, 78.3883, 66.4190
YIQ	229.1190, 18.4780, -4.4820

# Conversions

## Conversions Part 2

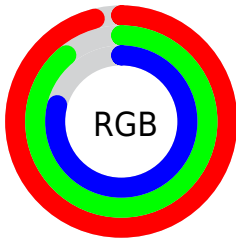
Format	Color
R <sub>Y</sub> B	229, 244, 201
Decimal	16049097
CIE Lab	90.96, 1.67, 14.79
CIE LCh	91, 14.884, 83.545
Yxy	78.3883, 0.3422, 0.3561
Android (android.graphics.Color)	4294239177 (0xFFFF4E3C9)
YUV	229.1190, -13.8627, 13.0506
Hunter-Lab	88.5372, -3.0874, 17.4977

# Details

The XYZ color **75.3199, 78.3883, 66.4190** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.4876, 69.0904, 95.4727**, and the grayscale version is **74.6548, 78.5427, 85.5330**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7580, 42.3030, 33.6209** is the 20% darker color. If you saturate the color by 10%, you get **70.1109, 72.2043, 51.6287**, and if you desaturate by 10%, it is **81.1368, 85.0572, 83.6632**.

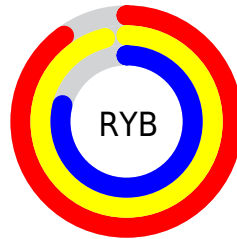
# Distribution



Red (96%)

Green (89%)

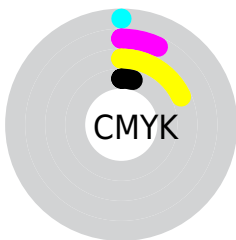
Blue (79%)



Red (90%)

Yellow (96%)

Blue (79%)

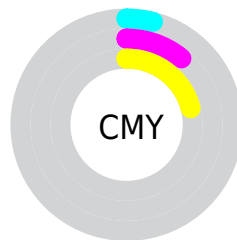


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3199, 78.3883, 66.4190 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 75.3199, 78.3883, 66.4190 by changing the saturation by 10% instead.



75.3199, 78.3883,  
66.4190

75.3199, 78.3883,  
66.4190

467.9966,  
489.4845, 466.3189

56.1701, 58.3930,  
48.1540

125.7506,  
131.0974, 115.7202

40.5769, 42.1247,  
33.5880

157.7622,  
164.5799, 147.5935

28.1748, 29.1989,  
22.3025

194.7917,  
203.3270, 184.8400

18.5986, 19.2314,  
13.8789

237.2046,  
247.7231, 227.8782

11.4829, 11.8376,  
7.8987

285.3662,  
298.1524, 277.1266

6.4623, 6.6332,  
3.9433

339.6418,

3.1715, 3.2338,

354.9996, 333.0039

1.5943

400.3969,  
418.6488, 395.9285

■ 1.2451, 1.2550,  
0.2868

■ 0.1415, 0.1059,  
0.0000

■ 75.3199, 78.3883,  
66.4190

■ 75.3199, 78.3883,  
66.4190

■ 70.1109, 72.2043,  
51.6287

■ 81.1368, 85.0572,  
83.6632

■ 65.4798, 66.4814,  
39.1735

■ 87.5778, 92.2131,  
103.4628

■ 61.4029, 61.2089,  
28.9319

■ 91.1185, 97.9732,  
108.7160

■ 57.8523, 56.3715,  
20.7695

■ 54.7973, 51.9527,  
14.5372

■ 52.2032, 47.9346,  
10.0654

■ 50.0296, 44.2965,  
7.1551

■ 48.2236, 41.0127,  
5.5412

■ 47.8300, 40.2762,  
5.2532

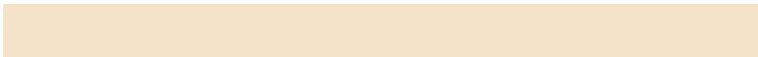
# Harmonies

## Analogous

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



78.8762, 78.3883, 69.7847



75.3199, 78.3883, 66.4190



71.6601, 78.3883, 67.7729

# Triad

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



75.3199, 78.3883, 66.4190



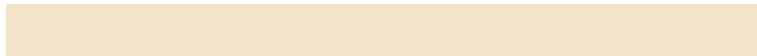
68.0842, 78.3883, 93.8763



80.4619, 78.3883, 98.2296

# Complementary

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



75.3199, 78.3883, 66.4190



65.4876, 69.0904, 95.4727

# Split Complementary

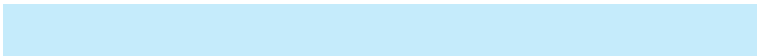
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4257, 78.3883, 105.7338



75.3199, 78.3883, 66.4190



70.2997, 78.3883, 103.0766

# Square

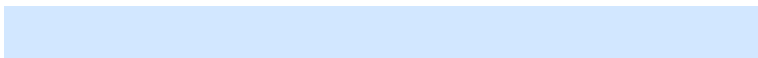
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3199, 78.3883, 66.4190



67.5629, 78.3883, 83.0493



73.6974, 78.3883, 107.5779

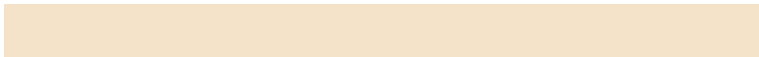


81.9086, 78.3883, 87.6960



# Rectangle

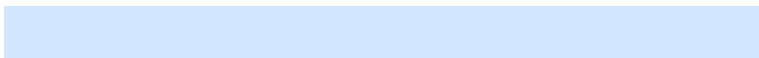
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3199, 78.3883, 66.4190



69.6441, 78.3883, 71.2311



73.6974, 78.3883, 107.5779



79.5885, 78.3883, 101.2246

# Sweetspot

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



75.3220, 78.3918, 66.4207



91.4780, 96.0327, 97.9162



70.8768, 66.0798, 75.4869



19.4756, 20.4380, 20.6401



0.0000, 0.0000, 0.0000

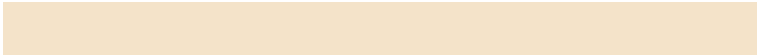


20.3446, 21.4041, 23.3091

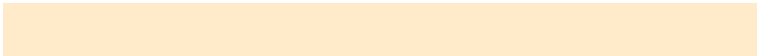


# Same Dimension

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



75.3220, 78.3918, 66.4207



81.2116, 84.2501, 67.5179



78.7274, 87.3918, 67.9784



17.3330, 18.1501, 17.3873



26.1442, 22.1740, 2.9021



2.3979, 2.1490, 0.2884



# Inverse Universe

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



65.4876, 69.0904, 95.4727



68.5434, 72.2697, 104.9446



62.4764, 61.3279, 94.1331



16.1185, 17.0013, 20.9746



11.2992, 8.3923, 47.5624

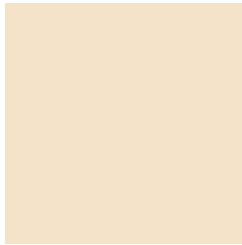


1.0904, 0.9321, 4.2127



# Previews

## White Background



This preview shows how the XYZ color 75.3199, 78.3883, 66.4190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

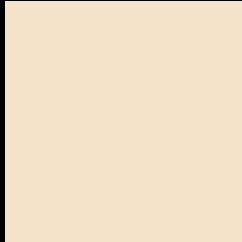
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.3199, 78.3883, 66.4190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

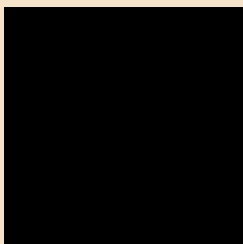
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.3199, 78.3883, 66.4190**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.3199, 78.3883, 66.4190.



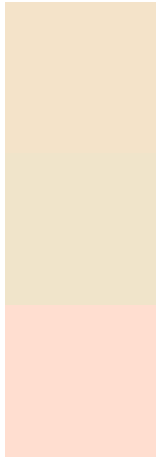
This preview shows how white text looks on a background with the XYZ color 75.3199, 78.3883,



# 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

75.3199, 78.3883, 66.4190

### Protanopia

74.3393, 78.2763, 67.0679

### Deuteranopia

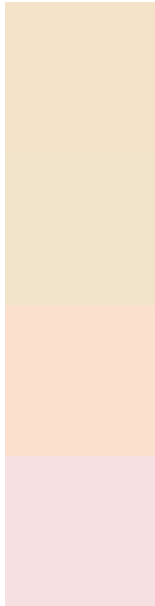
78.7464, 78.0566, 70.5906



## Tritanopia

80.7682, 78.6143, 92.5785

# Trichromacy



## Original Color

75.3199, 78.3883, 66.4190

## Protanomaly

74.6797, 78.4518, 67.0838

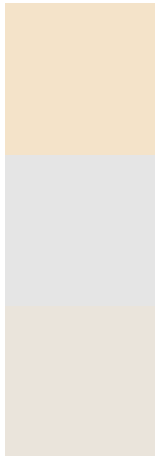
## Deuteranomaly

77.4588, 78.2283, 68.7747

## Tritanomaly

78.6040, 78.5217, 82.2475

# Monochromacy



## Original Color

75.3199, 78.3883, 66.4190

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.4613, 78.0937, 78.1669

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.3199, 78.3883, 66.4190 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(244, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 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(244, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 75.3199, 78.3883, 66.4190 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(244, 227, 201) }
```



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

```
.border{ border-color:rgb(244, 227, 201) }
```

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

Here you see how a box with a 4 pixel rgb(244, 227, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.3199, 78.3883, 66.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 201) }
```

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

```
.background{ background-color: rgb(244,  
227, 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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