

# Converting Colors

XYZ(75.1783, 79.3836, 68.9124)

Have a look what the booklet for  
XYZ(75.1783, 79.3836, 68.9124)  
contains.

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# Color

**XYZ(75.2514, 79.5267,  
69.1416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E6CD
RGB	240, 230, 205
RGB Percent	94%, 90%, 80%
CMY	0.0588, 0.0980, 0.1961
CMYK	0.00, 0.04, 0.15, 0.06
HSL	43°, 54%, 87%
HSV	43°, 15%, 94%
XYZ	75.2514, 79.5267, 69.1416
YIQ	230.1400, 13.9850, -5.6550

# Conversions

## Conversions Part 2

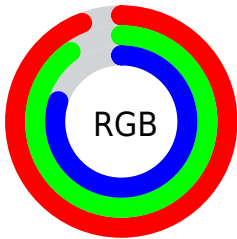
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 240, 205
Decimal	15787725
CIE Lab	91.47, -0.69, 13.39
CIE LCh	91, 13.409, 92.942
Yxy	79.5267, 0.3361, 0.3552
Android (android.graphics.Color)	4293977805 (0xFFFF0E6CD)
YUV	230.1400, -12.3940, 8.6472
Hunter-Lab	89.1777, -5.4363, 16.4555

# Details

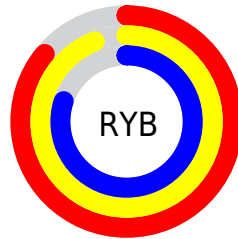
The XYZ color **75.2514, 79.5267, 69.1416** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.2051, 67.8697, 92.1021**, and the grayscale version is **75.4008, 79.3276, 86.3877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6831, 43.0847, 35.4501** is the 20% darker color. If you saturate the color by 10%, you get **70.7045, 74.7184, 54.4125**, and if you desaturate by 10%, it is **80.3221, 84.6698, 86.2395**.

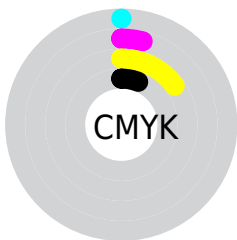
# Distribution



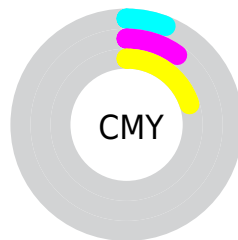
- Red (94%)
- Green (90%)
- Blue (80%)



- Red (86%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2514, 79.5267, 69.1416 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 75.2514, 79.5267, 69.1416 by changing the saturation by 10% instead.



75.2514, 79.5267,  
69.1416

75.2514, 79.5267,  
69.1416

467.7651,  
493.3363, 476.2377

56.1138, 59.3290,  
50.3546

125.6542,  
132.7001, 119.6534

40.5315, 42.8780,  
35.3221

157.6500,  
166.4445, 152.2153

28.1392, 29.7894,  
23.6255

194.6627,  
205.4733, 190.2058

18.5716, 19.6788,  
14.8464

237.0574,  
250.1708, 234.0436

11.4633, 12.1618,  
8.5663

285.1997,  
300.9215, 284.1471

6.4490, 6.8539,  
4.3664

339.4549,

3.1632, 3.3709,

358.1097, 340.9349

1.8285

400.1882,  
422.1199, 404.8256

■ 1.2406, 1.3283,  
0.4466

■ 0.1381, 0.1630,  
0.0000

■ 75.2514, 79.5267,  
69.1416

■ 75.2514, 79.5267,  
69.1416

■ 70.7045, 74.7184,  
54.4125

■ 80.3221, 84.6698,  
86.2395

■ 66.6538, 70.2247,  
41.9407

■ 85.9298, 90.1464,  
105.8011

■ 63.0789, 66.0385,  
31.6129

■ 88.3475, 94.4696,  
108.1858

■ 59.9553, 62.1486,  
23.3043

■ 89.7454, 97.2654,  
108.6517

■ 57.2559, 58.5428,  
16.8768

■ 54.9504, 55.2076,  
12.1750

■ 53.0035, 52.1272,  
9.0183

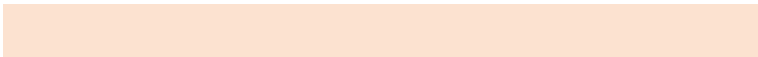
■ 51.3724, 49.2831,  
7.1858

■ 50.5861, 47.8267,  
6.5653

# Harmonies

## Analogous

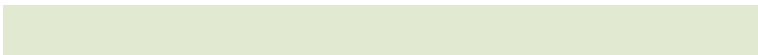
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6131, 79.5267, 70.9060



75.2514, 79.5267, 69.1416



72.0743, 79.5267, 71.7537

# Triad

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



75.2514, 79.5267, 69.1416



70.2120, 79.5267, 97.2208



81.5851, 79.5267, 95.4269

# Complementary

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



75.2514, 79.5267, 69.1416



65.2051, 67.8697, 92.1021

# Split Complementary

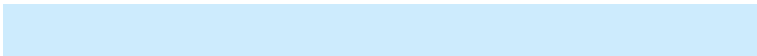
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2135, 79.5267, 103.3445



75.2514, 79.5267, 69.1416



72.6410, 79.5267, 104.4337

# Square

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



75.2514, 79.5267, 69.1416



69.2202, 79.5267, 87.5593



75.9251, 79.5267, 106.7540



82.3342, 79.5267, 85.6299



# Rectangle

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



75.2514, 79.5267, 69.1416



70.4697, 79.5267, 75.7495



75.9251, 79.5267, 106.7540



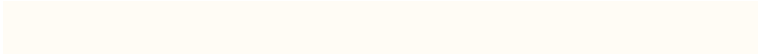
80.9477, 79.5267, 98.4206

# Sweetspot

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



75.2535, 79.5302, 69.1433



92.5287, 97.5159, 100.1719



70.0974, 67.1210, 73.8894



19.7059, 20.7739, 21.1005



0.0000, 0.0000, 0.0000

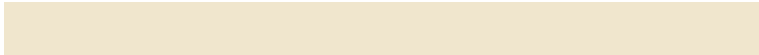


20.3446, 21.4041, 23.3091

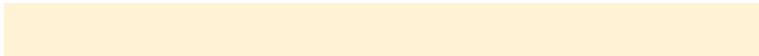


# Same Dimension

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



75.2535, 79.5302, 69.1433



85.0167, 89.8701, 74.9219



75.7845, 84.0522, 69.9881



16.7193, 17.6517, 16.6756



27.8105, 26.4192, 3.6336



2.3980, 2.3666, 0.3304



# Inverse Universe

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



65.2051, 67.8697, 92.1021



71.7642, 74.4922, 105.2038



64.7118, 63.9521, 91.3719



15.2649, 15.9638, 19.9984



9.8571, 5.9385, 45.7546

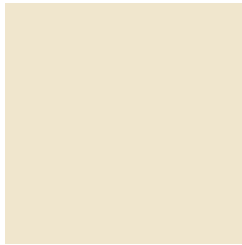


0.9019, 0.6577, 3.8336



# Previews

## White Background



This preview shows how the XYZ color 75.2514, 79.5267, 69.1416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

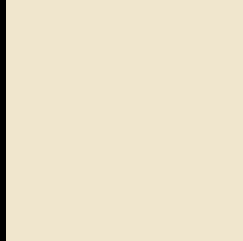
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.2514, 79.5267, 69.1416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

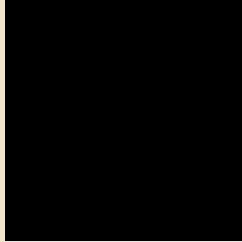
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.2514, 79.5267, 69.1416

## Background



This preview shows how black text looks on a background with the XYZ color 75.2514, 79.5267, 69.1416.



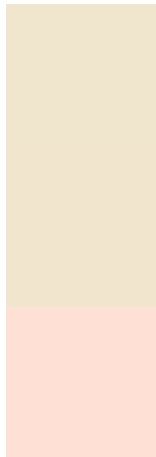
This preview shows how white text looks on a background with the XYZ color 75.2514, 79.5267,



# 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

75.2514, 79.5267, 69.1416

### Protanopia

75.5919, 79.7022, 69.1575

### Deuteranopia

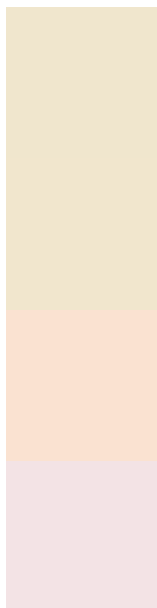
79.7793, 79.3248, 73.3937



## **Tritanopia**

80.6084, 79.6737, 95.1344

# Trichromacy



## Original Color

75.2514, 79.5267, 69.1416

## Protanomaly

75.5919, 79.7022, 69.1575

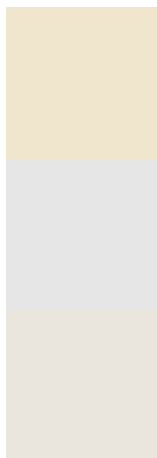
## Deuteranomaly

78.1293, 79.3202, 71.5141

## Tritanomaly

78.5741, 79.6500, 85.3614

# Monochromacy



## Original Color

75.2514, 79.5267, 69.1416

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.2796, 79.3065, 79.7466

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.2514, 79.5267, 69.1416 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(240, 230, 205) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 205)  
}
```

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(240, 230, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 75.2514, 79.5267, 69.1416 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(240, 230, 205) }
```



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

```
.border{ border-color:rgb(240, 230, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.2514, 79.5267, 69.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 205) }
```

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

```
.background{ background-color: rgb(240,  
230, 205) }
```

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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