

# Converting Colors

XYZ(69.5316, 74.6918, 43.5531)

Have a look what the booklet for  
XYZ(69.5316, 74.6918, 43.5531)  
contains.

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# Color

**XYZ(69.5316, 74.6918,  
43.5531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E09F
RGB	242, 224, 159
RGB Percent	95%, 88%, 62%
CMY	0.0510, 0.1215, 0.3765
CMYK	0.00, 0.07, 0.34, 0.05
HSL	47°, 76%, 79%
HSV	47°, 34%, 95%
XYZ	69.5316, 74.6918, 43.5531
YIQ	221.9720, 31.5930, -16.3990

# Conversions

## Conversions Part 2

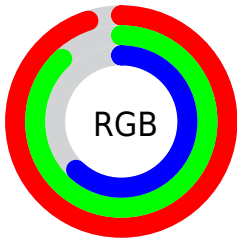
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 242, 159
Decimal	15917215
CIE Lab	89.25, -3.13, 34.10
CIE LCh	89, 34.245, 95.249
Yxy	74.6918, 0.3703, 0.3978
Android (android.graphics.Color)	4294107295 (0xFF2E09F)
YUV	221.9720, -31.0452, 17.5646
Hunter-Lab	86.4244, -7.6330, 30.6182

# Details

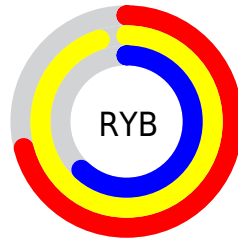
The XYZ color **69.5316, 74.6918, 43.5531** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0468, 45.2245, 90.3067**, and the grayscale version is **69.6097, 73.2348, 79.7527**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **36.8494, 39.7518, 19.6406** is the 20% darker color. If you saturate the color by 10%, you get **66.2461, 71.1587, 33.0921**, and if you desaturate by 10%, it is **73.2756, 78.4832, 56.1968**.

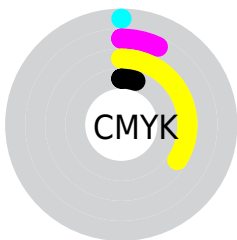
# Distribution



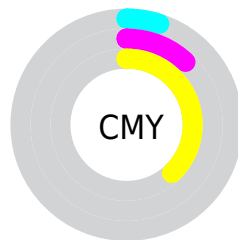
- Red (95%)
- Green (88%)
- Blue (62%)



- Red (71%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (5%)




- Cyan (5%)
- Magenta (12%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5316, 74.6918, 43.5531 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 69.5316, 74.6918, 43.5531 by changing the saturation by 10% instead.





 69.5316, 74.6918,  
43.5531


 69.5316, 74.6918,  
43.5531

448.1958,  
476.8576, 376.8693

 51.4230, 55.3604,  
29.9847


 117.5705,  
125.8760, 81.8401

 36.7678, 39.6904,  
19.5750


 148.2314,  
158.4976, 107.3959

 25.2006, 27.2972,  
11.9055


183.8072,  
196.3181, 137.7845

 16.3561, 17.7966,  
6.5576

224.6631,  
239.7219, 173.4245

 9.8689, 10.8040,  
3.1128

271.1646,  
289.0933, 214.7344

 5.3737, 5.9352,  
1.1525

323.6770,

 2.5052, 2.8057,

344.8168, 262.1328

0.0000

382.5656,  
407.2768, 316.0383

■ 0.8979, 1.0312,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 69.5316, 74.6918,  
43.5531

■ 69.5316, 74.6918,  
43.5531

■ 66.2461, 71.1587,  
33.0921

■ 73.2756, 78.4832,  
56.1968

■ 63.3889, 67.8634,  
24.6823

■ 77.4948, 82.5323,  
71.1354

■ 60.9349, 64.7976,  
18.1849

■ 82.2122, 86.8514,  
88.4789

■ 58.8538, 61.9488,  
13.4419

■ 87.3180, 91.3974,  
107.6470

■ 57.1103, 59.3021,  
10.2703

■ 88.9278, 94.6169,  
108.1836

■ 55.6615, 56.8397,  
8.4459

■ 90.4279, 97.6172,  
108.6837

■ 54.9309, 55.5031,  
7.8180

# Harmonies

## Analogous

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



77.9383, 74.6918, 46.2697



69.5316, 74.6918, 43.5531



62.1121, 74.6918, 49.2226

# Triad

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



69.5316, 74.6918, 43.5531



58.6558, 74.6918, 110.8992



86.6162, 74.6918, 102.1670

# Complementary

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



69.5316, 74.6918, 43.5531



46.0468, 45.2245, 90.3067

# 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.



80.6810, 74.6918, 125.0207



69.5316, 74.6918, 43.5531



64.4718, 74.6918, 130.7159

# Square

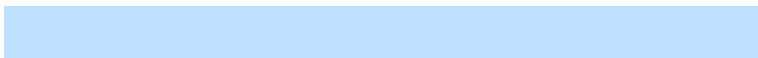
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5316, 74.6918, 43.5531



56.1560, 74.6918, 85.6122



72.4733, 74.6918, 136.3332



88.2355, 74.6918, 77.1866

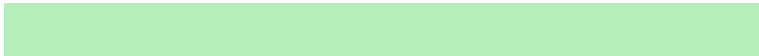


# Rectangle

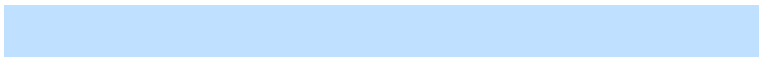
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5316, 74.6918, 43.5531



58.5852, 74.6918, 57.8035



72.4733, 74.6918, 136.3332



85.0381, 74.6918, 110.4962

# Sweetspot

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



69.5335, 74.6952, 43.5546



89.4745, 94.9884, 88.1141



57.0894, 46.9034, 48.3579



18.9934, 20.1860, 18.2829



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.



69.5335, 74.6952, 43.5546



75.7320, 81.3779, 40.7605



67.4853, 81.2025, 44.9186



16.8152, 17.8435, 16.7076



29.6139, 30.0258, 4.2347



2.5348, 2.6404, 0.3760



# Inverse Universe

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



46.0468, 45.2245, 90.3067



45.6765, 43.6785, 100.6311



47.5132, 41.0479, 89.4232



15.1751, 15.7842, 19.9685



9.3620, 4.9483, 45.5896

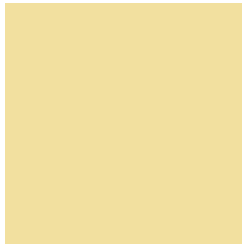


0.8497, 0.5534, 3.8162



# Previews

## White Background



This preview shows how the XYZ color 69.5316, 74.6918, 43.5531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

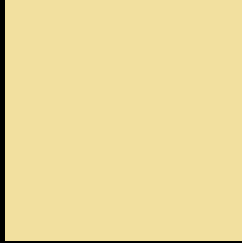
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.5316, 74.6918, 43.5531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

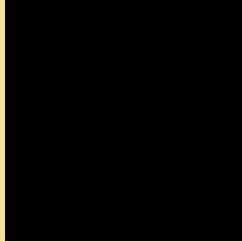
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 69.5316, 74.6918, 43.5531

## Background



This preview shows how black text looks on a background with the XYZ color 69.5316, 74.6918, 43.5531.



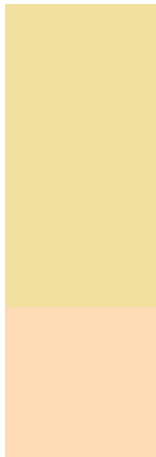
This preview shows how white text looks on a background with the XYZ color 69.5316, 74.6918,



# 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

69.5316, 74.6918, 43.5531

### Protanopia

69.5316, 74.6918, 43.5531

### Deuteranopia

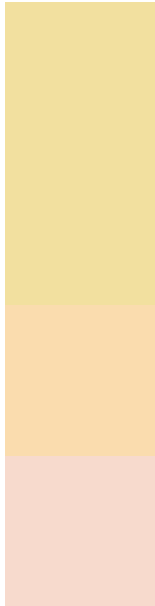
74.7549, 74.7802, 54.7500



## Tritanopia

78.1486, 74.6944, 85.8999

# Trichromacy



## Original Color

69.5316, 74.6918, 43.5531

## Protanomaly

69.5316, 74.6918, 43.5531

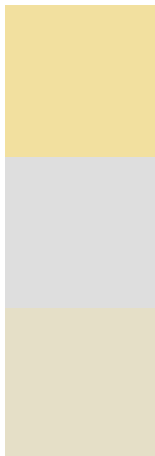
## Deuteranomaly

72.6575, 74.5664, 50.6077

## Tritanomaly

74.4486, 74.3247, 68.1799

# Monochromacy



## Original Color

69.5316, 74.6918, 43.5531

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

69.0096, 73.5569, 64.5935

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.5316, 74.6918, 43.5531 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(242, 224, 159)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 159)  
}
```

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(242, 224, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 159) }
```

## Border

The CSS property to change the border of an element to XYZ 69.5316, 74.6918, 43.5531 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(242, 224, 159) }
```



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

```
.border{ border-color:rgb(242, 224, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 224, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 159);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
159) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.5316, 74.6918, 43.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 159) }
```

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

```
.background{ background-color: rgb(242,  
224, 159) }
```

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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