

# Converting Colors

XYZ(92.2169, 87.1318, 44.3690)

Have a look what the booklet for  
XYZ(92.2169, 87.1318, 44.3690)  
contains.

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# **Color**

**XYZ(74.6079, 78.1213,  
43.4944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE29E
RGB	255, 226, 158
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1137, 0.3804
CMYK	0.00, 0.11, 0.38, 0.00
HSL	42°, 100%, 81%
HSV	42°, 38%, 100%
XYZ	74.6079, 78.1213, 43.4944
YIQ	226.9190, 39.1120, -15.0000

# Conversions

## Conversions Part 2

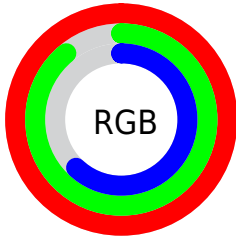
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 255, 158
Decimal	16769694
CIELab	90.84, 0.73, 36.90
CIELCh	91, 36.911, 88.860
Yxy	78.1213, 0.3802, 0.3981
Android (android.graphics.Color)	4294959774 (0xFFFFE29E)
YUV	226.9190, -33.9771, 24.6270
Hunter-Lab	88.3863, -4.0019, 32.6941

# Details

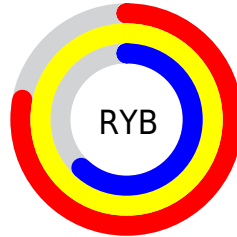
The XYZ color **74.6079, 78.1213, 43.4944** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.9204, 50.0282, 101.6330**, and the grayscale version is **73.1758, 76.9866, 83.8384**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **40.1904, 42.0367, 19.6313** is the 20% darker color. If you saturate the color by 10%, you get **70.6105, 73.2821, 32.4337**, and if you desaturate by 10%, it is **79.1568, 83.3342, 56.9874**.

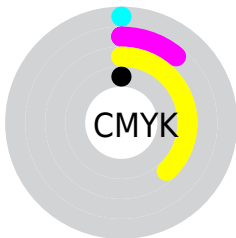
# Distribution



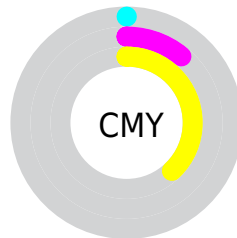
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (78%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6079, 78.1213, 43.4944 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 74.6079, 78.1213, 43.4944 by changing the saturation by 10% instead.




 74.6079, 78.1213,  
43.4944


 74.6079, 78.1213,  
43.4944


465.5868,  
488.5787, 376.6218

 55.5848, 58.1736,  
29.9390


 124.7481,  
130.7211, 81.7507

 40.1058, 41.9483,  
19.5406


 156.5958,  
164.1420, 107.2887

 27.8056, 29.0608,  
11.8808


193.4491,  
202.8228, 137.6579

 18.3189, 19.1268,  
6.5410

235.6733,  
247.1479, 173.2770

 11.2802, 11.7619,  
3.1027

283.6339,  
297.5016, 214.5643

 6.3243, 6.5818,  
1.1473

337.6960,

 3.0858, 3.2020,

354.2684, 261.9386

0.0000

398.2252,  
417.8326, 315.8182

■ 1.1993, 1.2381,  
0.0000

■ 0.1058, 0.0925,  
0.0000

■ 74.6079, 78.1213,  
43.4944

■ 74.6079, 78.1213,  
43.4944

■ 70.6105, 73.2821,  
32.4337

■ 79.1568, 83.3342,  
56.9874

■ 67.1292, 68.7920,  
23.6506

■ 84.2785, 88.9228,  
73.0449

■ 64.1331, 64.6396,  
16.9802

■ 90.0000, 94.9023,  
91.7952

■ 61.5852, 60.8082,  
12.2329

95.0500, 100.0000,  
108.9000

■ 59.4417, 57.2781,  
9.1851

■ 57.6439, 54.0240,  
7.5331

■ 57.3157, 53.4113,  
7.2886

# Harmonies

## Analogous

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



83.8735, 78.1213, 48.3714



74.6079, 78.1213, 43.4944



65.9631, 78.1213, 47.6761

# Triad

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



74.6079, 78.1213, 43.4944



59.6865, 78.1213, 112.2061



90.6065, 78.1213, 114.3398

# Complementary

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



74.6079, 78.1213, 43.4944



49.9204, 50.0282, 101.6330

# 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.



83.2076, 78.1213, 138.1649



74.6079, 78.1213, 43.4944



65.3959, 78.1213, 136.7633

# Square

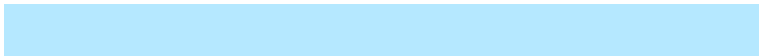
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6079, 78.1213, 43.4944



57.7929, 78.1213, 84.0471



73.8971, 78.1213, 147.1128



93.5722, 78.1213, 86.0827

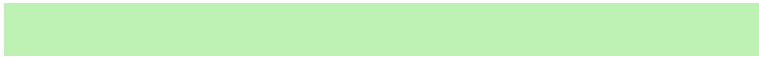


# Rectangle

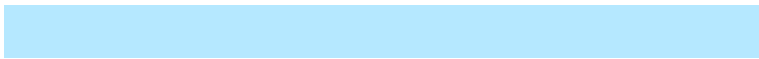
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6079, 78.1213, 43.4944



61.6008, 78.1213, 55.6589



73.8971, 78.1213, 147.1128



88.5265, 78.1213, 123.3333

# Sweetspot

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



74.6099, 78.1249, 43.4960



88.2416, 93.0899, 85.9542



62.4478, 49.3067, 53.2965



18.7189, 19.7500, 17.8428



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

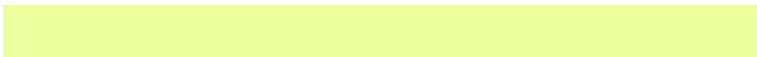
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6099, 78.1249, 43.4960



71.3827, 74.2401, 34.4985



76.3913, 91.7532, 46.0326



19.0759, 20.1200, 19.0225



30.0854, 28.1821, 3.8540



3.0249, 2.9352, 0.4071



# Inverse Universe

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



49.9204, 50.0282, 101.6330



43.3796, 42.3937, 100.5042



48.5004, 41.0688, 99.9786



17.4455, 18.2627, 22.8555



10.9029, 6.7153, 50.1561



1.1521, 0.8349, 4.9137



# Previews

## White Background



This preview shows how the XYZ color 74.6079, 78.1213, 43.4944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

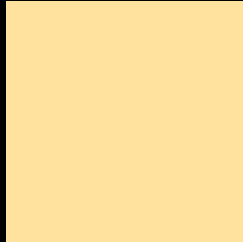
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.6079, 78.1213, 43.4944 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 74.6079, 78.1213, 43.4944

## Background



This preview shows how black text looks on a background with the XYZ color 74.6079, 78.1213, 43.4944.



This preview shows how white text looks on a background with the XYZ color 74.6079, 78.1213,



# 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

74.6079, 78.1213, 43.4944

### Protanopia

72.6351, 78.3160, 44.0891

### Deuteranopia

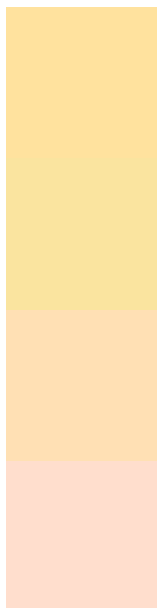
77.2533, 77.8856, 61.4138



## Tritanopia

81.3987, 78.2726, 87.1619

# Trichromacy



## Original Color

74.6079, 78.1213, 43.4944

## Protanomaly

73.4258, 78.3140, 44.0470

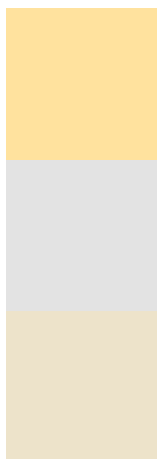
## Deuteranomaly

76.1339, 77.8666, 54.1971

## Tritanomaly

78.3807, 77.9103, 68.6647

# Monochromacy



## Original Color

74.6079, 78.1213, 43.4944

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.0548, 77.2070, 66.9291

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.6079, 78.1213, 43.4944 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(255, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 158)  
}
```

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(255, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 158) }
```

## Border

The CSS property to change the border of an element to XYZ 74.6079, 78.1213, 43.4944 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(255, 226, 158) }
```



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

```
.border{ border-color:rgb(255, 226, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 158); box-shadow:4px 4px 4px 4px rgb(255, 226, 158) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.6079, 78.1213, 43.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 158) }
```

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

```
.background{ background-color: rgb(255,  
226, 158) }
```

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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