

# Converting Colors

XYZ(74.1086, 80.3284, 60.8892)

Have a look what the booklet for  
XYZ(74.1086, 80.3284, 60.8892)  
contains.

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# Color

**XYZ(74.1395, 80.3901,  
60.8995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFE9BF
RGB	239, 233, 191
RGB Percent	94%, 91%, 75%
CMY	0.0627, 0.0863, 0.2510
CMYK	0.00, 0.03, 0.20, 0.06
HSL	53°, 60%, 84%
HSV	53°, 20%, 94%
XYZ	74.1395, 80.3901, 60.8995
YIQ	230.0060, 17.0580, -11.7900

# Conversions

## Conversions Part 2

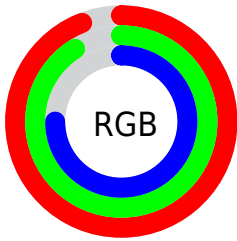
Format	Color
<a href="#">RYB</a>	<a href="#">198, 239, 191</a>
Decimal	<a href="#">15722943</a>
<a href="#">CIELab</a>	<a href="#">91.86, -4.65, 21.18</a>
<a href="#">CIElCh</a>	<a href="#">92, 21.685, 102.377</a>
<a href="#">Yxy</a>	<a href="#">80.3901, 0.3441, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4293913023</a> (0xFFEFE9BF)
<a href="#">YUV</a>	<a href="#">230.0060, -19.2300, 7.8877</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.6605, -9.3058, 22.4912</a>

# Details

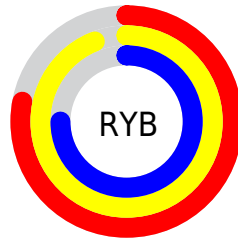
The XYZ color **74.1395, 80.3901, 60.8995** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.0320, 57.2397, 89.7044**, and the grayscale version is **75.3490, 79.2730, 86.3283**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **39.7659, 43.3177, 29.9322** is the 20% darker color. If you saturate the color by 10%, you get **70.8839, 77.7499, 47.8799**, and if you desaturate by 10%, it is **77.8428, 83.2378, 76.1877**.

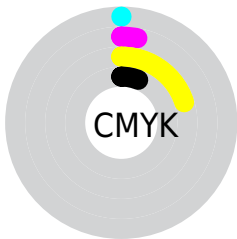
# Distribution



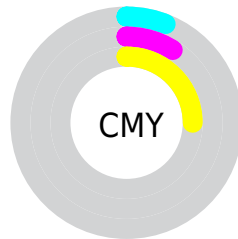
- Red (94%)
- Green (91%)
- Blue (75%)



- Red (78%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1395, 80.3901, 60.8995 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 74.1395, 80.3901, 60.8995 by changing the saturation by 10% instead.



74.1395, 80.3901,  
60.8995

74.1395, 80.3901,  
60.8995

463.9976,  
496.2465, 445.8018

55.1999, 60.0394,  
43.7140

124.0880,  
133.9141, 107.6895

39.7963, 43.4504,  
30.1102

155.8276,  
167.8561, 138.1312

27.5632, 30.2387,  
19.6695

192.5646,  
207.0974, 173.8286

18.1355, 20.0198,  
11.9733

234.6643,  
252.0224, 215.2004

11.1476, 12.4095,  
6.6032

282.4921,  
303.0154, 262.6650

6.2342, 7.0232,  
3.1406

336.4133,

3.0300, 3.4766,

360.4608, 316.6411

1.1668

396.7934,  
424.7431, 377.5472

■ 1.1697, 1.3853,  
0.0000

■ 0.0822, 0.2059,  
0.0000

■ 74.1395, 80.3901,  
60.8995

■ 74.1395, 80.3901,  
60.8995

■ 70.8839, 77.7499,  
47.8799

■ 77.8428, 83.2378,  
76.1877

■ 68.0490, 75.2979,  
37.0142


■ 82.0071, 86.2901,  
93.8416


■ 65.6141, 73.0287,  
28.1856


■ 85.3873, 89.0519,  
107.2961


■ 63.5546, 70.9321,  
21.2640


■ 86.2829, 90.8430,  
107.5946


 61.8427, 68.9970,  
16.1043


 87.1930, 92.6632,  
107.8980


 60.4470, 67.2107,  
12.5404

 88.1178, 94.5127,  
108.2062

 59.3298, 65.5579,  
10.3749

 89.0572, 96.3916,  
108.5194

 58.4343, 64.0257,  
9.2784

 89.4068, 97.0908,  
108.6359

# Harmonies

## Analogous

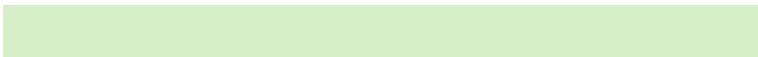
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6913, 80.3901, 61.4708



74.1395, 80.3901, 60.8995



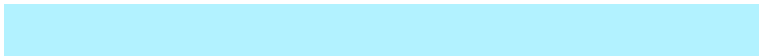
69.4262, 80.3901, 66.8035

# Triad

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



74.1395, 80.3901, 60.8995



68.7791, 80.3901, 109.8341



87.0581, 80.3901, 97.1327

# Complementary

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



74.1395, 80.3901, 60.8995



57.0320, 57.2397, 89.7044

# Split Complementary

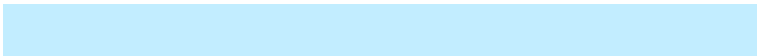
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8436, 80.3901, 112.1558



74.1395, 80.3901, 60.8995



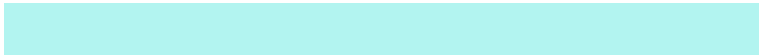
73.2169, 80.3901, 120.0781

# Square

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



74.1395, 80.3901, 60.8995



66.4336, 80.3901, 94.2599



78.7231, 80.3901, 120.9759



87.3347, 80.3901, 81.1305

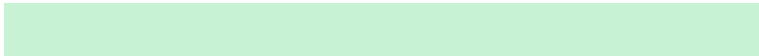


# Rectangle

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



74.1395, 80.3901, 60.8995



67.3213, 80.3901, 74.0876



78.7231, 80.3901, 120.9759



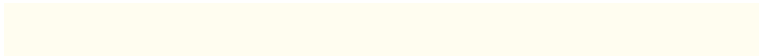
86.2784, 80.3901, 102.5099

# Sweetspot

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



74.1416, 80.3937, 60.9012



92.0770, 97.8403, 96.2367



64.3522, 59.6630, 61.1894



19.6416, 20.8927, 20.3167



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

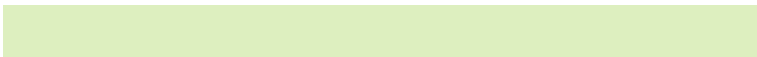
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1416, 80.3937, 60.9012



84.3250, 91.8858, 64.2126



70.2120, 80.9303, 61.2119



16.9446, 18.1024, 16.7507



32.3586, 35.5153, 5.1497



2.7387, 3.0481, 0.4440



# Inverse Universe

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



57.0320, 57.2397, 89.7044



61.2370, 60.6433, 103.0855



60.3932, 56.9918, 89.4794



15.0563, 15.5468, 19.9289



8.9149, 4.0540, 45.4405

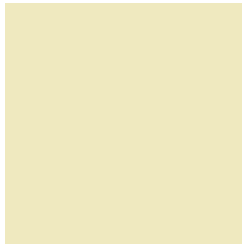


0.7923, 0.4386, 3.7971



# Previews

## White Background



This preview shows how the XYZ color 74.1395, 80.3901, 60.8995 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

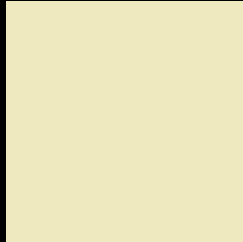
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1395, 80.3901, 60.8995 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

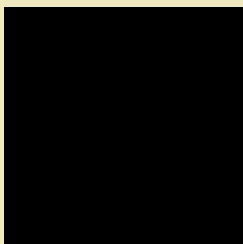
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

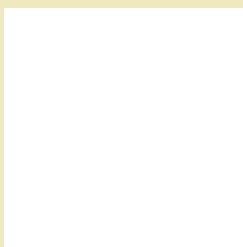
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 74.1395, 80.3901, 60.8995

## Background



This preview shows how black text looks on a background with the XYZ color 74.1395, 80.3901, 60.8995.



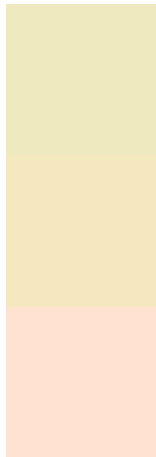
This preview shows how white text looks on a background with the XYZ color 74.1395, 80.3901, 60.8995.



# 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

74.1395, 80.3901, 60.8995

### Protanopia

75.5264, 80.2820, 60.2305

### Deuteranopia

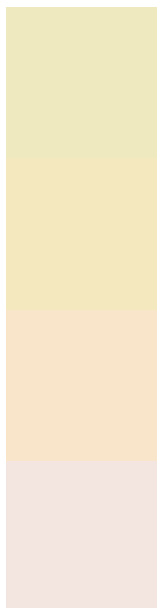
79.8215, 80.2068, 70.9489



## Tritanopia

81.3801, 80.4566, 96.0345

# Trichromacy



## Original Color

74.1395, 80.3901, 60.8995

## Protanomaly

75.1130, 80.4856, 60.2916

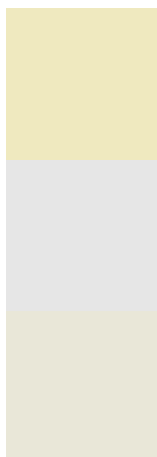
## Deuteranomaly

77.7469, 80.4426, 67.3064

## Tritanomaly

78.4360, 80.4751, 81.9202

# Monochromacy



## Original Color

74.1395, 80.3901, 60.8995

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

74.5749, 79.4333, 76.3674

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1395, 80.3901, 60.8995 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(239, 233, 191)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 191)  
}
```

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(239, 233, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1395, 80.3901, 60.8995 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(239, 233, 191) }
```



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

```
.border{ border-color:rgb(239, 233, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1395, 80.3901, 60.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 191) }
```

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

```
.background{ background-color: rgb(239,  
233, 191) }
```

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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