

Converting Colors

XYZ(71.5992, 74.6056, 61.1395)

Have a look what the booklet for
XYZ(71.5992, 74.6056, 61.1395)
contains.

XYZ(71.6821, 74.6181, 61.0768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.6821, 74.6181,
61.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DEC1
RGB	240, 222, 193
RGB Percent	94%, 87%, 76%
CMY	0.0588, 0.1294, 0.2431
CMYK	0.00, 0.07, 0.20, 0.06
HSL	37°, 61%, 85%
HSV	37°, 20%, 94%
XYZ	71.6821, 74.6181, 61.0768
YIQ	224.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

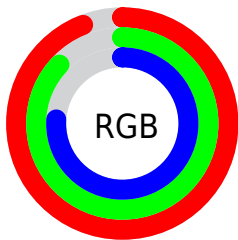
Format	Color
R _Y B	222, 240, 193
Decimal	15785665
CIE Lab	89.21, 1.61, 16.46
CIE LCh	89, 16.538, 84.400
Yxy	74.6181, 0.3457, 0.3598
Android (android.graphics.Color)	4293975745 (0xFFFF0DEC1)
YUV	224.0760, -15.3205, 13.9653
Hunter-Lab	86.3818, -3.0436, 18.5459

Details

The XYZ color **71.6821, 74.6181, 61.0768** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.0144, 64.2157, 91.6176**, and the grayscale version is **71.0036, 74.7013, 81.3497**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.2461, 39.6919, 30.0716** is the 20% darker color. If you saturate the color by 10%, you get **66.8452, 68.8865, 47.3103**, and if you desaturate by 10%, it is **77.0905, 80.7963, 77.1791**.

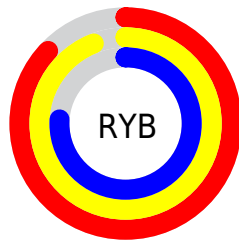
Distribution



Red (94%)

Green (87%)

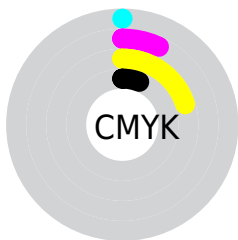
Blue (76%)



Red (87%)

Yellow (94%)

Blue (76%)

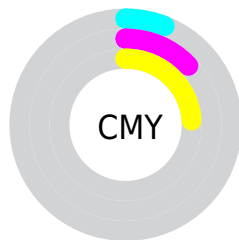


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6821, 74.6181, 61.0768 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 71.6821, 74.6181, 61.0768 by changing the saturation by 10% instead.

71.6821, 74.6181,
61.0768

71.6821, 74.6181,
61.0768

455.6092,
476.6039, 446.4699

53.1836, 55.3001,
43.8562

120.6177,
125.7716, 107.9487

38.1774, 39.6420,
30.2211

151.7855,
158.3759, 138.4372

26.2982, 27.2595,
19.7530

187.9070,
196.1777, 174.1853

17.1807, 17.7682,
12.0333

229.3478,
239.5615, 215.6116

10.4595, 10.7837,
6.6436

276.4730,
288.9116, 263.1347

5.7693, 5.9216,
3.1652

329.6480,

2.7446, 2.7975,

344.6125, 317.1730

1.1796

389.2383,
407.0484, 378.1453

■ 1.0202, 1.0269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6821, 74.6181,
61.0768

■ 71.6821, 74.6181,
61.0768

■ 66.8452, 68.8865,
47.3103

■ 77.0905, 80.7963,
77.1791

■ 62.5509, 63.5789,
35.7639

■ 83.0861, 87.4228,
95.7158

■ 58.7763, 58.6852,
26.3192

■ 88.0384, 93.8515,
108.0828

■ 55.4944, 54.1911,
18.8447

■ 89.7454, 97.2654,
108.6517

■ 52.6753, 50.0811,
13.1939

■ 50.2851, 46.3377,
9.1997

■ 48.2837, 42.9413,
6.6635

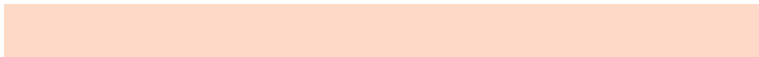
■ 46.6084, 39.8627,
5.2665

■ 46.5427, 39.7399,
5.2175

Harmonies

Analogous

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



75.5356, 74.6181, 64.4843



71.6821, 74.6181, 61.0768



67.7650, 74.6181, 62.6433

Triad

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



71.6821, 74.6181, 61.0768



64.0882, 74.6181, 90.7764



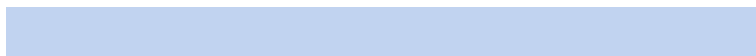
77.4202, 74.6181, 94.8808

Complementary

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



71.6821, 74.6181, 61.0768



61.0144, 64.2157, 91.6176

Split Complementary

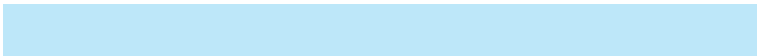
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1762, 74.6181, 103.2100



71.6821, 74.6181, 61.0768



66.5007, 74.6181, 100.6874

Square

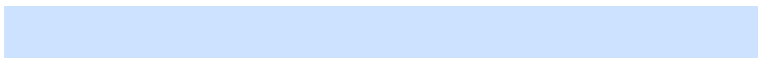
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6821, 74.6181, 61.0768



63.4770, 74.6181, 79.0973



70.1678, 74.6181, 105.4293



78.9280, 74.6181, 83.4342

Rectangle

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



71.6821, 74.6181, 61.0768



65.6308, 74.6181, 66.3814



70.1678, 74.6181, 105.4293



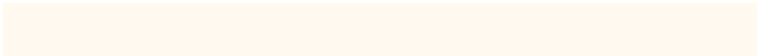
76.4908, 74.6181, 98.1798

Sweetspot

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



71.6841, 74.6214, 61.0784



90.8432, 95.3727, 95.8254



66.7659, 61.3702, 69.9665



19.3494, 20.3083, 20.2193



0.0000, 0.0000, 0.0000



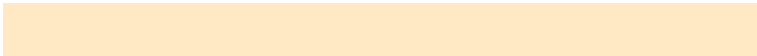
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6841, 74.6214, 61.0784



80.2538, 83.2817, 64.2788



74.8879, 83.7510, 62.6717



16.5851, 17.3833, 16.6309



25.6106, 22.0193, 2.9003



2.2264, 2.0235, 0.2732

Inverse Universe

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



61.0144, 64.2157, 91.6176



66.1869, 69.5644, 104.5466



58.2154, 56.5038, 90.2766



15.3934, 16.2208, 20.0412



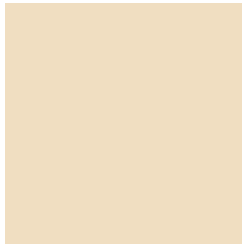
10.8185, 7.8613, 46.0751



0.9933, 0.8406, 3.8641

Previews

White Background



This preview shows how the XYZ color 71.6821, 74.6181, 61.0768 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 71.6821, 74.6181, 61.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

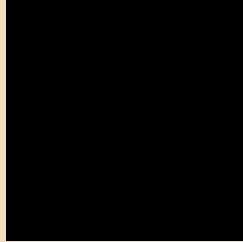
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6821, 74.6181, 61.0768

Background



This preview shows how black text looks on a background with the XYZ color 71.6821, 74.6181, 61.0768.



This preview shows how white text looks on a background with the XYZ color 71.6821, 74.6181,

61.0768.

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

71.6821, 74.6181, 61.0768

Protanopia

70.6542, 74.8685, 61.7661

Deuteranopia

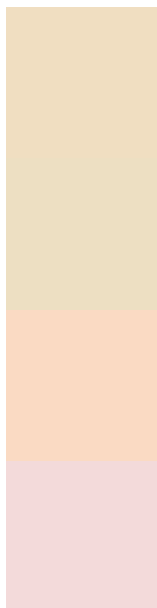
75.7597, 74.3573, 62.5840



Tritanopia

76.9200, 74.4074, 87.3987

Trichromacy



Original Color

71.6821, 74.6181, 61.0768

Protanomaly

71.0503, 74.6749, 61.7079

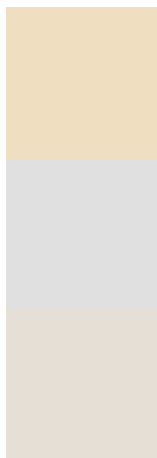
Deuteranomaly

74.3461, 74.4069, 62.0733

Tritanomaly

74.6884, 74.2594, 76.7267

Monochromacy



Original Color

71.6821, 74.6181, 61.0768

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0310, 74.4024, 73.5682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6821, 74.6181, 61.0768 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, 222, 193)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 193)  
}
```

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, 222, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 193) }
```

Border

The CSS property to change the border of an element to XYZ 71.6821, 74.6181, 61.0768 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, 222, 193) }
```


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

```
.border{ border-color:rgb(240, 222, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6821, 74.6181, 61.0768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 193) }
```

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

```
.background{ background-color: rgb(240,  
222, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor