

Converting Colors

XYZ(74.6033, 78.8999, 63.5367)

Have a look what the booklet for
XYZ(74.6033, 78.8999, 63.5367)
contains.

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Color

**XYZ(74.6011, 78.9014,
63.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5C4
RGB	242, 229, 196
RGB Percent	95%, 90%, 77%
CMY	0.0510, 0.1019, 0.2314
CMYK	0.00, 0.05, 0.19, 0.05
HSL	43°, 64%, 86%
HSV	43°, 19%, 95%
XYZ	74.6011, 78.9014, 63.5221
YIQ	229.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

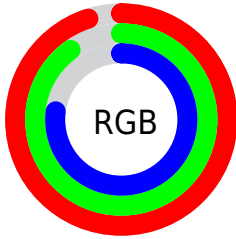
Format	Color
R _Y B	214, 242, 196
Decimal	15918532
CIE Lab	91.19, -0.81, 17.69
CIE LCh	91, 17.712, 92.612
Yxy	78.9014, 0.3437, 0.3636
Android (android.graphics.Color)	4294108612 (0xFFFF2E5C4)
YUV	229.1250, -16.3306, 11.2914
Hunter-Lab	88.8265, -5.5327, 19.7787

Details

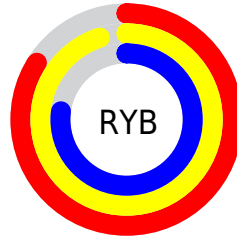
The XYZ color **74.6011, 78.9014, 63.5221** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5922, 63.7461, 93.0630**, and the grayscale version is **74.6769, 78.5659, 85.5583**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.2682, 42.6642, 31.7038** is the 20% darker color. If you saturate the color by 10%, you get **70.2119, 74.1809, 49.5477**, and if you desaturate by 10%, it is **79.5134, 83.9557, 79.8647**.

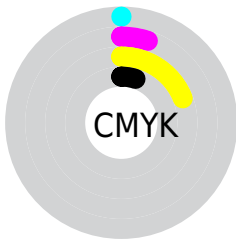
Distribution



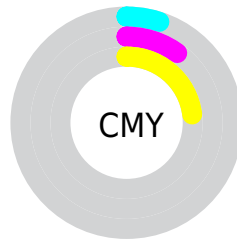
- Red (95%)
- Green (90%)
- Blue (77%)



- Red (84%)
- Yellow (95%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6011, 78.9014, 63.5221 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 74.6011, 78.9014, 63.5221 by changing the saturation by 10% instead.

■ 74.6011, 78.9014,
63.5221

■ 74.6011, 78.9014,
63.5221

465.5637,
491.2227, 455.6218

■ 55.5792, 58.8147,
45.8200

124.7385,
131.8200, 111.5152

■ 40.1013, 42.4640,
31.7562

156.5846,
165.4208, 142.6434

■ 27.8021, 29.4648,
20.9120

193.4363,
204.2951, 179.0839

■ 18.3162, 19.4327,
12.8691

235.6587,
248.8273, 221.2554

■ 11.2783, 11.9834,
7.2088

283.6173,
299.4017, 269.5764

■ 6.3230, 6.7323,
3.5126

337.6774,

■ 3.0850, 3.2953,

356.4028, 324.4654

1.3620

398.2045,
420.2150, 386.3411

■ 1.1989, 1.2878,
0.1118

■ 0.1055, 0.1317,
0.0000

■ 74.6011, 78.9014,
63.5221

■ 74.6011, 78.9014,
63.5221

■ 70.2119, 74.1809,
49.5477

■ 79.5134, 83.9557,
79.8647

■ 66.3173, 69.7735,
37.8243

■ 84.9631, 89.3428,
98.6751

■ 62.8956, 65.6717,
28.2319

■ 88.7035, 94.1680,
108.1088

■ 59.9208, 61.8636,
20.6376

■ 90.4282, 97.6174,
108.6837

■ 57.3638, 58.3364,
14.8935

■ 55.1917, 55.0754,
10.8307

■ 53.3659, 52.0635,
8.2495

■ 51.8281, 49.2760,
6.8485

■ 51.6839, 49.0087,
6.7356

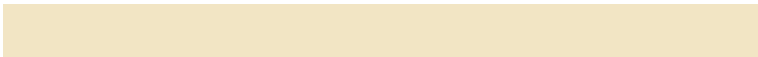
Harmonies

Analogous

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



79.0314, 78.9014, 65.7916



74.6011, 78.9014, 63.5221



70.4405, 78.9014, 66.7382

Triad

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



74.6011, 78.9014, 63.5221



67.9605, 78.9014, 99.9219



82.9151, 78.9014, 97.7814

Complementary

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



74.6011, 78.9014, 63.5221



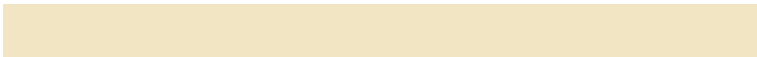
61.5922, 63.7461, 93.0630

Split Complementary

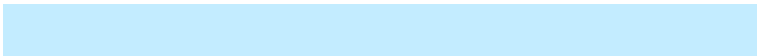
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7384, 78.9014, 108.4416



74.6011, 78.9014, 63.5221



71.0954, 78.9014, 109.7615

Square

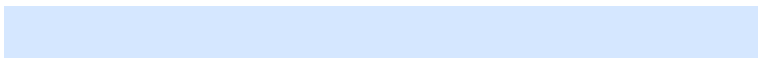
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6011, 78.9014, 63.5221



66.7033, 78.9014, 87.0407



75.3871, 78.9014, 113.0231



83.9434, 78.9014, 84.7896

Rectangle

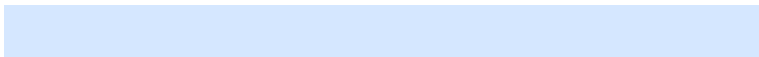
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6011, 78.9014, 63.5221



68.3473, 78.9014, 71.7675



75.3871, 78.9014, 113.0231



82.0570, 78.9014, 101.7986

Sweetspot

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



74.6032, 78.9049, 63.5238



91.3202, 96.3266, 95.9844



67.8715, 62.9632, 68.9201



19.4623, 20.5341, 20.2569



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.



74.6032, 78.9049, 63.5238



81.9440, 86.6620, 64.8422



75.0062, 84.6519, 64.6118



16.7236, 17.6603, 16.6771



27.8865, 26.5711, 3.6590



2.4038, 2.3782, 0.3324

Inverse Universe

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



61.5922, 63.7461, 93.0630



64.6799, 66.5504, 104.0443



61.2122, 59.0088, 92.1686



15.2608, 15.9558, 19.9971



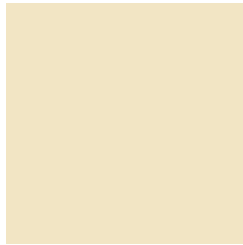
9.8319, 5.8881, 45.7462



0.8993, 0.6526, 3.8328

Previews

White Background



This preview shows how the XYZ color 74.6011, 78.9014, 63.5221 looks on a white background.

Color Contrast Check

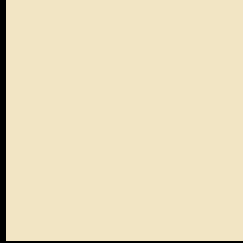
Large Text (above 18pt) WCAG AA × Fail

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 74.6011, 78.9014, 63.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

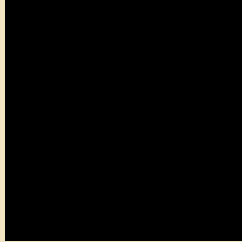
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6011, 78.9014, 63.5221

Background



This preview shows how black text looks on a background with the XYZ color 74.6011, 78.9014, 63.5221.

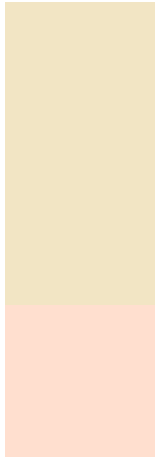


This preview shows how white text looks on a background with the XYZ color 74.6011, 78.9014,

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

74.6011, 78.9014, 63.5221

Protanopia

74.6011, 78.9014, 63.5221

Deuteranopia

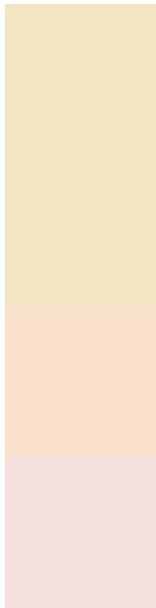
78.8902, 78.5403, 70.0333



Tritanopia

80.8273, 79.0231, 93.4310

Trichromacy



Original Color

74.6011, 78.9014, 63.5221

Protanomaly

74.6011, 78.9014, 63.5221

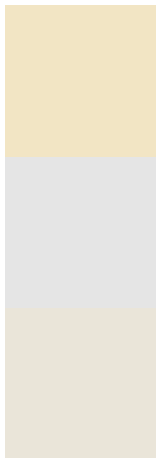
Deuteranomaly

77.1290, 78.4862, 67.5841

Tritanomaly

78.3858, 78.8251, 81.6044

Monochromacy



Original Color

74.6011, 78.9014, 63.5221

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4754, 78.5408, 76.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6011, 78.9014, 63.5221 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, 229, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 196)  
}
```

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, 229, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 196) }
```

Border

The CSS property to change the border of an element to XYZ 74.6011, 78.9014, 63.5221 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, 229, 196) }
```


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

```
.border{ border-color:rgb(242, 229, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6011, 78.9014, 63.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 196) }
```

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

```
.background{ background-color: rgb(242,  
229, 196) }
```

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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