

Converting Colors

XYZ(71.0535, 78.9323, 64.5588)

Have a look what the booklet for
XYZ(71.0535, 78.9323, 64.5588)
contains.

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Color

**XYZ(71.1794, 79.2077,
64.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAC5
RGB	227, 234, 197
RGB Percent	89%, 92%, 77%
CMY	0.1098, 0.0823, 0.2274
CMYK	0.03, 0.00, 0.16, 0.08
HSL	71°, 47%, 85%
HSV	71°, 16%, 92%
XYZ	71.1794, 79.2077, 64.3604
YIQ	227.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

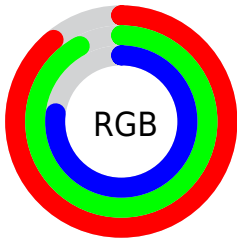
Format	Color
R _Y B	197, 234, 204
Decimal	14936773
CIE Lab	91.33, -8.57, 17.20
CIE LCh	91, 19.216, 116.474
Yxy	79.2077, 0.3315, 0.3688
Android (android.graphics.Color)	4293126853 (0xFFE3EAC5)
YUV	227.6890, -15.1297, -0.6043
Hunter-Lab	88.9987, -12.9870, 19.4229

Details

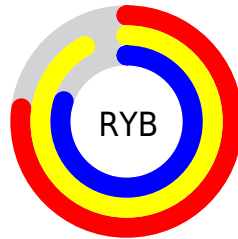
The XYZ color **71.1794, 79.2077, 64.3604** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.7224, 58.7125, 86.0311**, and the grayscale version is **73.6204, 77.4544, 84.3479**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **37.6729, 42.4819, 32.2009** is the 20% darker color. If you saturate the color by 10%, you get **67.3250, 77.5092, 51.2533**, and if you desaturate by 10%, it is **75.4902, 81.0982, 79.6647**.

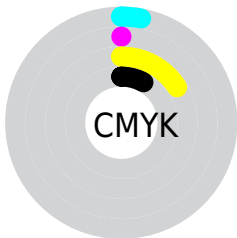
Distribution



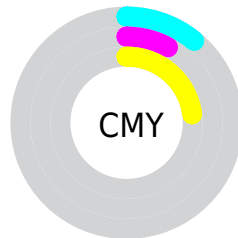
- Red (89%)
- Green (92%)
- Blue (77%)



- Red (77%)
- Yellow (92%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1794, 79.2077, 64.3604 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 71.1794, 79.2077, 64.3604 by changing the saturation by 10% instead.

71.1794, 79.2077,
64.3604

71.1794, 79.2077,
64.3604

453.8824,
492.2587, 458.7331

52.7717, 59.0666,
46.4946

119.9063,
132.2512, 112.7343

37.8473, 42.6667,
32.2848

150.9561,
165.9224, 144.0794

26.0409, 29.6237,
21.3125

186.9507,
204.8724, 180.7547

16.9870, 19.5532,
13.1592

228.2554,
249.4857, 223.1788

10.3205, 12.0706,
7.4062

275.2356,
300.1465, 271.7701

5.6759, 6.7918,
3.6352

328.2566,

2.6878, 3.3322,

357.2394, 326.9472

1.4274

387.6837,
421.1487, 389.1287

■ 0.9909, 1.3076,
0.1630

■ 0.0000, 0.1470,
0.0000

■ 71.1794, 79.2077,
64.3604

■ 71.1794, 79.2077,
64.3604

■ 67.3250, 77.5092,
51.2533

■ 75.4902, 81.0982,
79.6647

■ 63.9014, 75.9846,
40.2375

■ 80.2693, 83.1775,
97.2555

■ 60.8897, 74.6288,
31.2060

■ 83.5081, 84.6449,
106.5445

■ 58.2671, 73.4327,
24.0403

■ 85.0328, 85.4309,
106.6158

■ 56.0085, 72.3862,
18.6092

■ 86.5946, 86.2360,
106.6889

■ 54.0855, 71.4779,
14.7646

■ 88.1935, 87.0603,
106.7638

■ 52.4649, 70.6946,
12.3337

■ 88.7144, 87.3288,
106.7881

■ 51.1059, 70.0199,
11.1030

■ 50.5870, 69.7585,
10.7985

Harmonies

Analogous

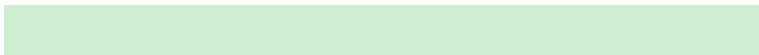
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8629, 79.2077, 62.1109



71.1794, 79.2077, 64.3604



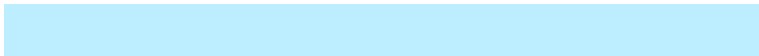
67.7317, 79.2077, 72.2396

Triad

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



71.1794, 79.2077, 64.3604



70.2212, 79.2077, 110.6359



85.0415, 79.2077, 87.9065

Complementary

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



71.1794, 79.2077, 64.3604



59.7224, 58.7125, 86.0311

Split Complementary

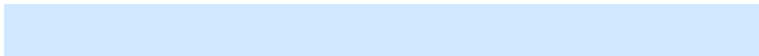
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3790, 79.2077, 101.9499



71.1794, 79.2077, 64.3604



74.7091, 79.2077, 115.9352

Square

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



71.1794, 79.2077, 64.3604



67.1955, 79.2077, 98.7840



79.5446, 79.2077, 112.5979



83.9980, 79.2077, 74.8124

Rectangle

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



71.1794, 79.2077, 64.3604



66.5270, 79.2077, 80.1115



79.5446, 79.2077, 112.5979



84.7788, 79.2077, 92.6812

Sweetspot

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



71.1815, 79.2112, 64.3621



92.1822, 98.7510, 98.4037



65.5538, 64.6087, 61.8402



19.6470, 21.1002, 20.7588



0.0000, 0.0000, 0.0000



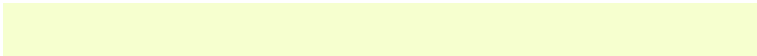
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1815, 79.2112, 64.3621



84.9134, 95.5648, 72.7139



65.7179, 76.3946, 64.1064



16.0562, 17.4745, 16.0454



28.5268, 39.2506, 6.0726



2.3120, 3.1192, 0.4802

Inverse Universe

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



59.7224, 58.7125, 86.0311



68.4906, 66.1844, 103.7728



65.0312, 61.4493, 86.2795



14.4973, 14.6861, 18.9929



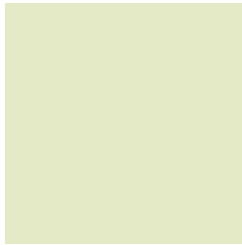
9.0143, 3.6830, 43.9787



0.7822, 0.3275, 3.4569

Previews

White Background



This preview shows how the XYZ color 71.1794, 79.2077, 64.3604 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 71.1794, 79.2077, 64.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

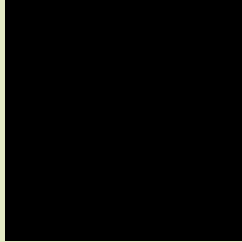
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

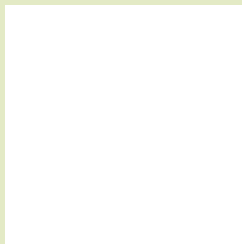
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1794, 79.2077, 64.3604

Background



This preview shows how black text looks on a background with the XYZ color 71.1794, 79.2077, 64.3604.



This preview shows how white text looks on a background with the XYZ color 71.1794, 79.2077,

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

71.1794, 79.2077, 64.3604

Protanopia

74.4876, 78.8560, 62.9246

Deuteranopia

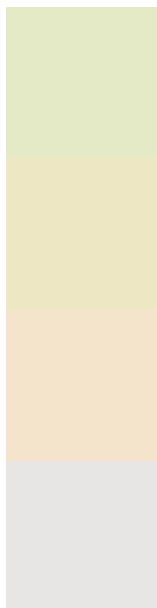
79.2808, 79.1254, 70.7687



Tritanopia

77.8822, 79.0232, 97.5344

Trichromacy



Original Color

71.1794, 79.2077, 64.3604

Protanomaly

73.4648, 79.1419, 63.6285

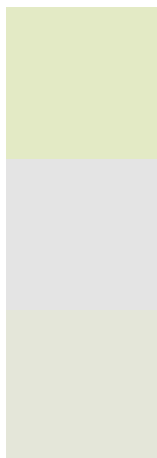
Deuteranomaly

76.2987, 79.2589, 68.4039

Tritanomaly

75.2554, 79.1840, 84.7164

Monochromacy



Original Color

71.1794, 79.2077, 64.3604

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8161, 78.0974, 76.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1794, 79.2077, 64.3604 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(227, 234, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 197)  
}
```

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(227, 234, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 197) }
```

Border

The CSS property to change the border of an element to XYZ 71.1794, 79.2077, 64.3604 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(227, 234, 197) }
```


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

```
.border{ border-color:rgb(227, 234, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 234, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 234, 197); box-shadow:4px 4px 4px 4px rgb(227, 234, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1794, 79.2077, 64.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 197) }
```

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

```
.background{ background-color: rgb(227,  
234, 197) }
```

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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