

Converting Colors

XYZ(64.0400, 71.6707, 88.3005)

Have a look what the booklet for
XYZ(64.0400, 71.6707, 88.3005)
contains.

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Color

**XYZ(64.0400, 71.6707,
88.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E2EA
RGB	193, 226, 234
RGB Percent	76%, 89%, 92%
CMY	0.2431, 0.1137, 0.0823
CMYK	0.18, 0.03, 0.00, 0.08
HSL	192°, 49%, 84%
HSV	192°, 18%, 92%
XYZ	64.0400, 71.6707, 88.3005
YIQ	217.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

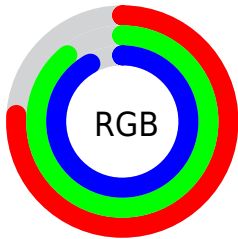
Format	Color
R _Y B	193, 211, 234
Decimal	12706538
CIE Lab	87.81, -9.12, -7.53
CIE LCh	88, 11.824, 219.530
Yxy	71.6707, 0.2859, 0.3199
Android (android.graphics.Color)	4290896618 (0xFFC1E2EA)
YUV	217.0450, 8.3588, -21.0875
Hunter-Lab	84.6585, -13.1261, -2.5796

Details

The XYZ color **64.0400, 71.6707, 88.3005** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4446, 63.1161, 59.2396**, and the grayscale version is **65.9413, 69.3754, 75.5498**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **33.2463, 37.8291, 47.6690** is the 20% darker color. If you saturate the color by 10%, you get **57.3161, 66.3882, 87.6364**, and if you desaturate by 10%, it is **71.7449, 77.5117, 89.0230**.

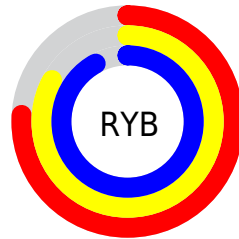
Distribution



Red (76%)

Green (89%)

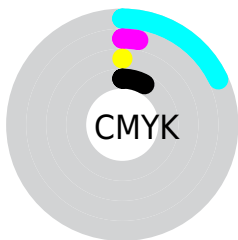
Blue (92%)



Red (76%)

Yellow (83%)

Blue (92%)

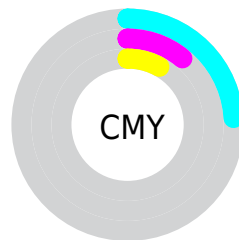


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0400, 71.6707, 88.3005 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 64.0400, 71.6707, 88.3005 by changing the saturation by 10% instead.

■ 64.0400, 71.6707,
88.3005

■ 64.0400, 71.6707,
88.3005

428.9340,
466.3946, 542.9136

■ 46.9449, 52.8897,
66.0062

■ 109.7420,
121.5882, 146.8903

■ 33.1998, 37.7147,
47.8209

139.0795,
153.4936, 184.0228

■ 22.4395, 25.7614,
33.3261

173.2285,
190.5425, 226.9385

■ 14.2986, 16.6452,
22.1032

212.5545,
233.1194, 276.0560

■ 8.4118, 9.9819,
13.7337

257.4226,
281.6087, 331.7936

■ 4.4135, 5.3869,
7.7991

308.1984,

■ 1.9386, 2.4760,

336.3947, 394.5701

3.8807

365.2470,
397.8619, 464.8039

■ 0.5991, 0.8646,
1.5601

■ 0.0000, 0.0000,
0.2621

■ 64.0400, 71.6707,
88.3005

■ 64.0400, 71.6707,
88.3005

■ 57.3161, 66.3882,
87.6364

■ 71.7449, 77.5117,
89.0230

■ 51.5225, 61.6321,
87.0237

■ 80.4662, 83.9243,
89.8011

■ 46.6132, 57.3801,
86.4618

■ 87.1626, 89.3427,
90.4940

■ 42.5356, 53.6048,
85.9480

■ 88.5210, 92.0595,
90.9468

■ 39.2315, 50.2758,
85.4796

■ 89.9134, 94.8443,
91.4109

■ 36.6348, 47.3586,
85.0534

■ 91.3400, 97.6977,
91.8865

■ 34.6680, 44.8129,
84.6657

■ 91.8515, 98.7206,
92.0570

■ 33.2275, 42.5848,
84.3115

■ 32.9116, 42.0608,
84.2270

Harmonies

Analogous

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



62.9327, 71.6707, 80.6258



64.0400, 71.6707, 88.3005



66.2497, 71.6707, 93.4416

Triad

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



64.0400, 71.6707, 88.3005



73.3063, 71.6707, 83.5719



67.2307, 71.6707, 63.7569

Complementary

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



64.0400, 71.6707, 88.3005



64.4446, 63.1161, 59.2396

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.



70.0269, 71.6707, 64.4263



64.0400, 71.6707, 88.3005



73.5865, 71.6707, 75.5047

Square

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



64.0400, 71.6707, 88.3005



71.6161, 71.6707, 90.5841



72.3715, 71.6707, 68.6017



64.7412, 71.6707, 66.7060

Rectangle

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



64.0400, 71.6707, 88.3005



68.0765, 71.6707, 94.5466



72.3715, 71.6707, 68.6017



68.1652, 71.6707, 63.5711

Sweetspot

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



64.0421, 71.6737, 88.3021



89.7256, 96.0850, 108.4250



61.9023, 74.3788, 66.0561



19.0502, 20.4514, 23.1934



0.0000, 0.0000, 0.0000



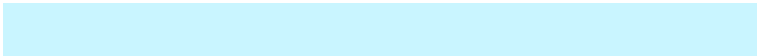
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0421, 71.6737, 88.3021



74.7765, 84.7359, 107.0223



58.9123, 61.4140, 86.5922



15.2535, 16.5935, 19.3212



18.5839, 23.8147, 47.3602



1.5230, 1.9975, 3.7402

Inverse Universe

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



66.7308, 61.1250, 80.2361



78.6453, 69.8088, 95.3599



69.4195, 73.0658, 60.8978



15.5815, 15.2605, 18.3476



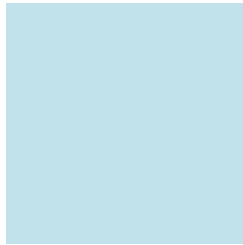
24.2356, 11.8969, 28.1056



1.9353, 0.9471, 2.3764

Previews

White Background



This preview shows how the XYZ color 64.0400, 71.6707, 88.3005 looks on a white background.

Color Contrast Check

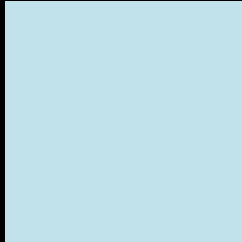
Large Text (above 18pt) WCAG AA × Fail

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 64.0400, 71.6707, 88.3005 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

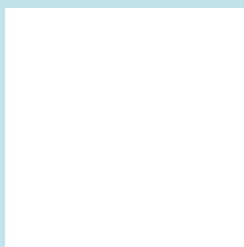
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0400, 71.6707, 88.3005

Background



This preview shows how black text looks on a background with the XYZ color 64.0400, 71.6707, 88.3005.

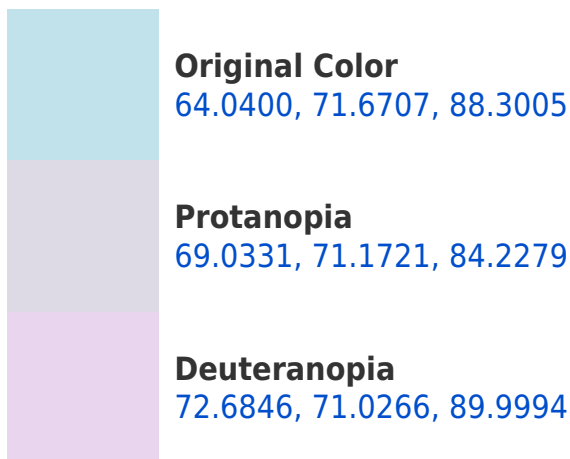


This preview shows how white text looks on a background with the XYZ color 64.0400, 71.6707,

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

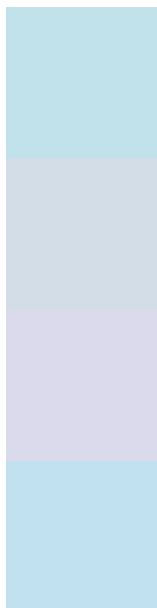




Tritanopia

65.6086, 71.9236, 95.2187

Trichromacy



Original Color

64.0400, 71.6707, 88.3005

Protanomaly

67.1442, 71.3313, 85.8307

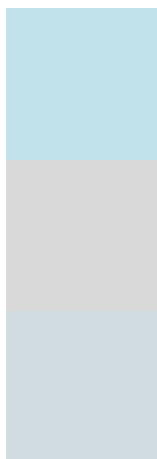
Deuteranomaly

69.1252, 71.1044, 89.4381

Tritanomaly

64.9015, 71.6110, 92.8397

Monochromacy



Original Color

64.0400, 71.6707, 88.3005

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.9249, 69.9240, 79.8868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0400, 71.6707, 88.3005 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(193, 226, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 234)  
}
```

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(193, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 234) }
```

Border

The CSS property to change the border of an element to XYZ 64.0400, 71.6707, 88.3005 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(193, 226, 234) }
```


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

```
.border{ border-color:rgb(193, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 226, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 226, 234); box-shadow:4px 4px 4px 4px rgb(193, 226, 234) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0400, 71.6707, 88.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 234) }
```

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

```
.background{ background-color: rgb(193,  
226, 234) }
```

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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