

Converting Colors

XYZ(64.2547, 64.9254,
103.7530)

Have a look what the booklet for
XYZ(64.2547, 64.9254, 103.7530)
contains.

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Color

**XYZ(64.1392, 64.8267,
103.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D1FF
RGB	198, 209, 255
RGB Percent	78%, 82%, 100%
CMY	0.2235, 0.1804, 0.0000
CMYK	0.22, 0.18, 0.00, 0.00
HSL	228°, 100%, 89%
HSV	228°, 22%, 100%
XYZ	64.1392, 64.8267, 103.7400
YIQ	210.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

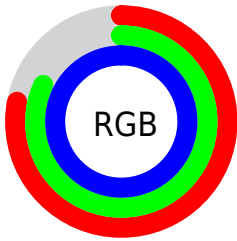
Format	Color
R _Y B	198, 207, 255
Decimal	13029887
CIE Lab	84.39, 5.83, -23.71
CIE LCh	84, 24.412, 283.813
Yxy	64.8267, 0.2756, 0.2786
Android (android.graphics.Color)	4291219967 (0xFFC6D1FF)
YUV	210.9550, 21.7142, -11.3615
Hunter-Lab	80.5150, 1.2939, -20.0320

Details

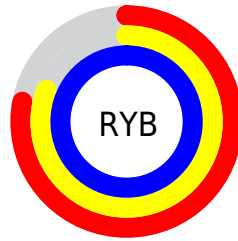
The XYZ color **64.1392, 64.8267, 103.7400** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7837, 90.0380, 66.3911**, and the grayscale version is **61.7600, 64.9764, 70.7593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2421, 33.3595, 58.1131** is the 20% darker color. If you saturate the color by 10%, you get **53.2483, 52.1965, 101.8762**, and if you desaturate by 10%, it is **76.8174, 79.3495, 105.8750**.

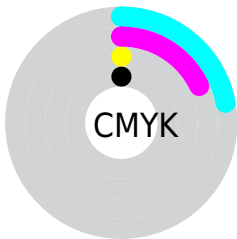
Distribution



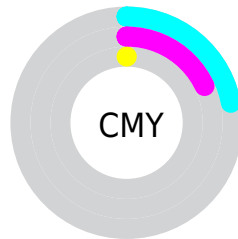
- Red (78%)
- Green (82%)
- Blue (100%)



- Red (78%)
- Yellow (81%)
- Blue (100%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1392, 64.8267, 103.7400 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 64.1392, 64.8267, 103.7400 by changing the saturation by 10% instead.

■ 64.1392, 64.8267,
103.7400

■ 64.1392, 64.8267,
103.7400

429.2864,
442.1689, 593.4668

■ 47.0255, 47.3206,
78.7934

109.8840,
111.8007, 168.3839

■ 33.2639, 33.2891,
58.2056

139.2458,
142.0373, 208.9183

■ 22.4889, 22.3480,
41.5582

173.4211,
177.2862, 255.4857

■ 14.3352, 14.1129,
28.4325

212.7752,
217.9318, 308.5047

■ 8.4374, 8.1992,
18.4101

257.6734,
264.3585, 368.3937

■ 4.4302, 4.2227,
11.0723

308.4811,

■ 1.9483, 1.7989,

316.9506, 435.5714

6.0007

365.5636,
376.0927, 510.4563

■ 0.6047, 0.4865,
2.7767

■ 0.0000, 0.0000,
0.9818

■ 64.1392, 64.8267,
103.7400

■ 64.1392, 64.8267,
103.7400

■ 53.2483, 52.1965,
101.8762

■ 76.8174, 79.3495,
105.8750

■ 44.0578, 41.3725,
100.2713

■ 91.3536, 95.8314,
108.2902

■ 36.4816, 32.2729,
98.9142

95.0500, 100.0000,
108.9000

■ 30.4238, 24.8062,
97.7923

■ 25.7780, 18.8724,
96.8918

■ 22.4232, 14.3596,
96.1976

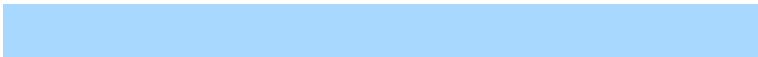
■ 20.2163, 11.1393,
95.6923

■ 19.1575, 9.4350,
95.4192

Harmonies

Analogous

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



58.7542, 64.8267, 103.3265



64.1392, 64.8267, 103.7400



69.1208, 64.8267, 94.4038

Triad

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



64.1392, 64.8267, 103.7400



69.4513, 64.8267, 51.8626



52.1340, 64.8267, 62.5826

Complementary

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



64.1392, 64.8267, 103.7400



83.7837, 90.0380, 66.3911

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.



54.6748, 64.8267, 51.1533



64.1392, 64.8267, 103.7400



64.5689, 64.8267, 45.6134

Square

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



64.1392, 64.8267, 103.7400



72.3072, 64.8267, 63.6924



59.1595, 64.8267, 45.3744



52.0340, 64.8267, 77.9583

Rectangle

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



64.1392, 64.8267, 103.7400



71.4552, 64.8267, 84.6023



59.1595, 64.8267, 45.3744



52.7239, 64.8267, 58.2089

Sweetspot

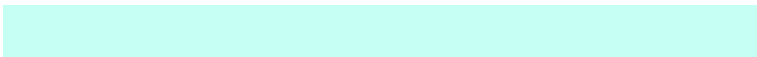
The Sweet Spot groups the original color and five complimentary colors.



64.1410, 64.8292, 103.7404



84.3608, 87.9216, 107.1320



75.3181, 90.0336, 98.6789



17.8688, 18.6058, 22.8994



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.



64.1410, 64.8292, 103.7404



58.8608, 58.7271, 102.8409



66.2991, 62.0721, 103.0945



17.2867, 17.9451, 22.8026



10.0904, 5.0904, 49.8853



1.0535, 0.6377, 4.8808

Inverse Universe

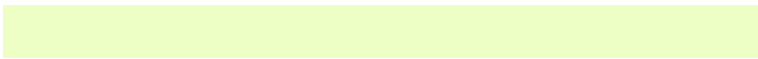
The Inverse Universe completely reimagines the original color for something new.



72.9439, 66.2532, 69.2680



69.1904, 60.5850, 62.3478



81.1800, 93.7574, 67.2463



18.1526, 18.0444, 19.4209



21.8814, 11.2418, 2.7598



2.1664, 1.1089, 0.4575

Previews

White Background



This preview shows how the XYZ color 64.1392, 64.8267, 103.7400 looks on a white background.

Color Contrast Check

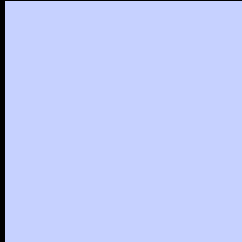
Large Text (above 18pt) WCAG AA × Fail

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 64.1392, 64.8267, 103.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

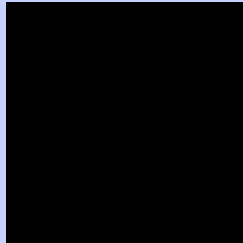
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1392, 64.8267, 103.7400

Background



This preview shows how black text looks on a background with the XYZ color 64.1392, 64.8267, 103.7400.



This preview shows how white text looks on a background with the XYZ color 64.1392, 64.8267,

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

64.1392, 64.8267, 103.7400

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

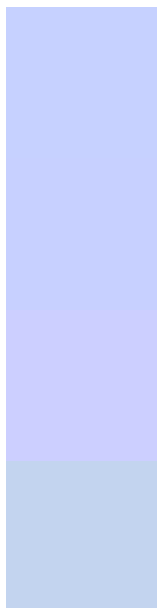
66.1337, 64.7725, 103.6245



Tritanopia

60.0695, 64.6391, 84.1735

Trichromacy



Original Color

64.1392, 64.8267, 103.7400

Protanomaly

64.1591, 64.4739, 103.6709

Deuteranomaly

65.2647, 64.6830, 103.6530

Tritanomaly

61.6291, 64.9211, 90.9442

Monochromacy



Original Color

64.1392, 64.8267, 103.7400

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3653, 64.7610, 81.8862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1392, 64.8267, 103.7400 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(198, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 255)  
}
```

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(198, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.1392, 64.8267, 103.7400 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(198, 209, 255) }
```


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

```
.border{ border-color:rgb(198, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1392, 64.8267, 103.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 255) }
```

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

```
.background{ background-color: rgb(198,  
209, 255) }
```

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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