

Converting Colors

XYZ(64.5995, 64.3818,
103.6299)

Have a look what the booklet for
XYZ(64.5995, 64.3818, 103.6299)
contains.

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Color

**XYZ(64.4502, 64.2632,
103.6149)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CFFF
RGB	201, 207, 255
RGB Percent	79%, 81%, 100%
CMY	0.2118, 0.1882, 0.0000
CMYK	0.21, 0.19, 0.00, 0.00
HSL	233°, 100%, 89%
HSV	233°, 21%, 100%
XYZ	64.4502, 64.2632, 103.6149
YIQ	210.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

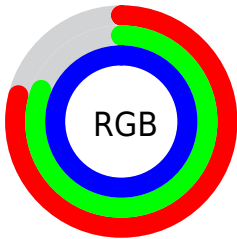
Format	Color
R _Y B	201, 206, 255
Decimal	13225983
CIE Lab	84.10, 7.79, -24.13
CIE LCh	84, 25.358, 287.899
Yxy	64.2632, 0.2774, 0.2766
Android (android.graphics.Color)	4291416063 (0xFFC9CFFF)
YUV	210.6780, 21.8507, -8.4876
Hunter-Lab	80.1643, 3.2221, -20.5191

Details

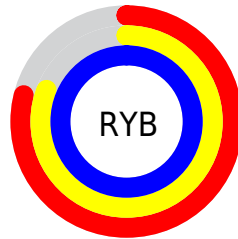
The XYZ color **64.4502, 64.2632, 103.6149** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6580, 93.2273, 68.7400**, and the grayscale version is **61.5756, 64.7823, 70.5479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4383, 32.9707, 58.0277** is the 20% darker color. If you saturate the color by 10%, you get **53.0532, 50.8142, 101.6197**, and if you desaturate by 10%, it is **77.7770, 79.8803, 105.9269**.

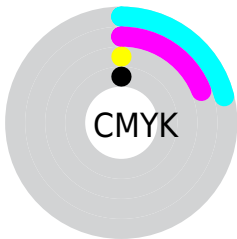
Distribution



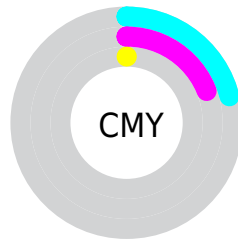
- Red (79%)
- Green (81%)
- Blue (100%)



- Red (79%)
- Yellow (81%)
- Blue (100%)



- Cyan (21%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4502, 64.2632, 103.6149 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 64.4502, 64.2632, 103.6149 by changing the saturation by 10% instead.

■ 64.4502, 64.2632,
103.6149

■ 64.4502, 64.2632,
103.6149

430.3901,
440.1395, 593.0666

■ 47.2784, 46.8639,
78.6893

110.3292,
110.9899, 168.2111

■ 33.4647, 32.9281,
58.1206

139.7671,
141.0861, 208.7188

■ 22.6436, 22.0713,
41.4902

174.0244,
176.1833, 255.2576

■ 14.4498, 13.9093,
28.3798

213.4666,
216.6660, 308.2459

■ 8.5180, 8.0576,
18.3706

258.4588,
262.9186, 368.1025

■ 4.4827, 4.1318,
11.0442

309.3666,

■ 1.9787, 1.7476,

315.3255, 435.2458

5.9820

366.5552,
374.2709, 510.0943

■ 0.6219, 0.4542,
2.7655

■ 0.0000, 0.0000,
0.9762

■ 64.4502, 64.2632,
103.6149

■ 64.4502, 64.2632,
103.6149

■ 53.0532, 50.8142,
101.6197

■ 77.7770, 79.8803,
105.9269

■ 43.4910, 39.4300,
99.9263

■ 93.1118, 97.7478,
108.5674

■ 35.6687, 30.0101,
98.5203

■ 95.0500, 100.0000,
108.9000

■ 29.4808, 22.4426,
97.3858

■ 24.8099, 16.6042,
96.5050

■ 21.5230, 12.3563,
95.8584

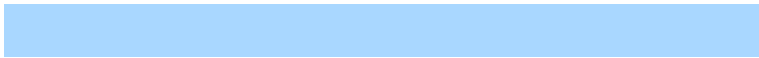
■ 19.4632, 9.5386,
95.4231

■ 18.4735, 8.0669,
95.1912

Harmonies

Analogous

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



58.8505, 64.2632, 104.6676



64.4502, 64.2632, 103.6149



69.4240, 64.2632, 92.7525

Triad

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



64.4502, 64.2632, 103.6149



68.5883, 64.2632, 49.4922



51.1440, 64.2632, 63.7035

Complementary

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



64.4502, 64.2632, 103.6149



85.6580, 93.2273, 68.7400

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.



53.4334, 64.2632, 51.2644



64.4502, 64.2632, 103.6149



63.3656, 64.2632, 43.9402

Square

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



64.4502, 64.2632, 103.6149



71.9117, 64.2632, 60.9142



57.8299, 64.2632, 44.5351



51.3950, 64.2632, 79.8852

Rectangle

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



64.4502, 64.2632, 103.6149



71.6111, 64.2632, 82.2285



57.8299, 64.2632, 44.5351



51.6360, 64.2632, 58.9977

Sweetspot

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



64.4520, 64.2657, 103.6153



85.4574, 88.8408, 107.2517



76.9003, 90.7587, 102.8428



18.0775, 18.7663, 22.9194



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.



64.4520, 64.2657, 103.6153



59.8698, 58.8707, 102.8155



68.9701, 64.4770, 103.4179



17.1655, 17.7027, 22.7622



9.7044, 4.3185, 49.7567



0.9952, 0.5211, 4.8614

Inverse Universe

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



73.3903, 67.5397, 68.2028



70.1572, 62.7235, 62.0387



80.3335, 93.2806, 69.0309



18.0914, 18.0199, 19.0987



21.6866, 11.1639, 1.7339



2.1370, 1.0972, 0.3026

Previews

White Background



This preview shows how the XYZ color 64.4502, 64.2632, 103.6149 looks on a white background.

Color Contrast Check

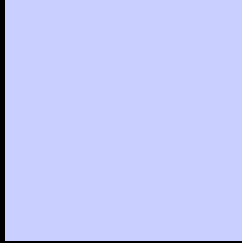
Large Text (above 18pt) WCAG AA × Fail

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 64.4502, 64.2632, 103.6149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

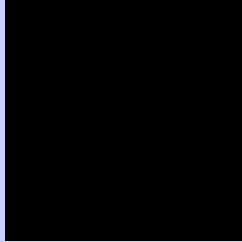
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4502, 64.2632, 103.6149

Background



This preview shows how black text looks on a background with the XYZ color 64.4502, 64.2632, 103.6149.



This preview shows how white text looks on a background with the XYZ color 64.4502, 64.2632,

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

64.4502, 64.2632, 103.6149

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.6134, 64.1480, 103.5314



Tritanopia

60.3120, 64.4242, 82.6551

Trichromacy



Original Color

64.4502, 64.2632, 103.6149

Protanomaly

64.4253, 64.6111, 103.6834

Deuteranomaly

65.2981, 64.3417, 103.5854

Tritanomaly

61.7679, 64.2720, 90.0391

Monochromacy



Original Color

64.4502, 64.2632, 103.6149

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6438, 64.9046, 81.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4502, 64.2632, 103.6149 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(201, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 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(201, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.4502, 64.2632, 103.6149 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(201, 207, 255) }
```


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

```
.border{ border-color:rgb(201, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4502, 64.2632, 103.6149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 255) }
```

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

```
.background{ background-color: rgb(201,  
207, 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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