

Converting Colors

XYZ(64.9914, 64.5422,
103.6402)

Have a look what the booklet for
XYZ(64.9914, 64.5422, 103.6402)
contains.

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Color

**XYZ(64.9914, 64.5422,
103.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCFFF
RGB	203, 207, 255
RGB Percent	80%, 81%, 100%
CMY	0.2039, 0.1882, 0.0000
CMYK	0.20, 0.19, 0.00, 0.00
HSL	235°, 100%, 90%
HSV	235°, 20%, 100%
XYZ	64.9914, 64.5422, 103.6402
YIQ	211.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

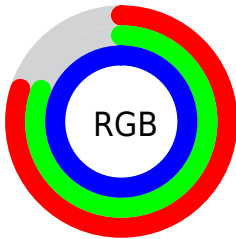
Format	Color
R_{YB}	203, 207, 255
Decimal	13357055
CIE _{Lab}	84.25, 8.40, -23.90
CIE _{LCh}	84, 25.329, 289.359
Yxy	64.5422, 0.2787, 0.2768
Android (android.graphics.Color)	4291547135 (0xFFCBCFFF)
YUV	211.2760, 21.5559, -7.2581
Hunter-Lab	80.3382, 3.8099, -20.2503

Details

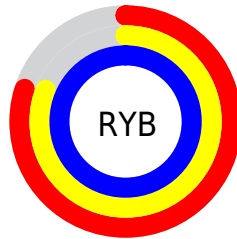
The XYZ color **64.9914, 64.5422, 103.6402** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5163, 94.5650, 70.1945**, and the grayscale version is **61.9712, 65.1986, 71.0013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7970, 33.1556, 58.0445** is the 20% darker color. If you saturate the color by 10%, you get **53.3262, 50.6863, 101.5806**, and if you desaturate by 10%, it is **78.6525, 80.6920, 106.0374**.

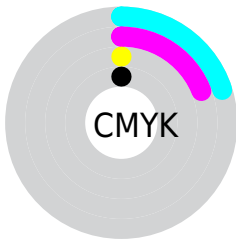
Distribution



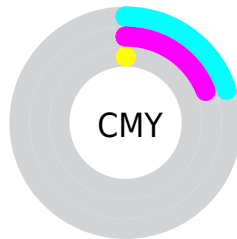
- Red (80%)
- Green (81%)
- Blue (100%)



- Red (80%)
- Yellow (81%)
- Blue (100%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9914, 64.5422, 103.6402 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 64.9914, 64.5422, 103.6402 by changing the saturation by 10% instead.

■ 64.9914, 64.5422,
103.6402

■ 64.9914, 64.5422,
103.6402

432.3068,
441.1450, 593.1476

■ 47.7188, 47.0900,
78.7103

111.1033,
111.3914, 168.2461

■ 33.8146, 33.1068,
58.1378

140.6732,
141.5572, 208.7591

■ 22.9134, 22.2083,
41.5040

175.0730,
176.7296, 255.3037

■ 14.6499, 14.0100,
28.3904

214.6680,
217.2931, 308.2983

■ 8.6588, 8.1276,
18.3786

259.8235,
263.6319, 368.1614

■ 4.5746, 4.1767,
11.0499

310.9049,

■ 2.0321, 1.7729,

316.1306, 435.3116

5.9858

368.2775,
375.1735, 510.1675

■ 0.6519, 0.4702,
2.7678

■ 0.0000, 0.0000,
0.9773

■ 64.9914, 64.5422,
103.6402

■ 64.9914, 64.5422,
103.6402

■ 53.3262, 50.6863,
101.5806

■ 78.6525, 80.6920,
106.0374

■ 43.5580, 39.0130,
99.8422

94.3910, 99.2253,
108.7852

■ 35.5880, 29.4130,
98.4093

95.0500, 100.0000,
108.9000

■ 29.3061, 21.7648,
97.2642

■ 24.5900, 15.9340,
96.3873

■ 21.3009, 11.7690,
95.7567

■ 19.2754, 9.0936,
95.3471

■ 18.2936, 7.7072,
95.1312

Harmonies

Analogous

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



59.3749, 64.5422, 105.2231



64.9914, 64.5422, 103.6402



69.9008, 64.5422, 92.3802

Triad

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



64.9914, 64.5422, 103.6402



68.6434, 64.5422, 49.3420



51.3421, 64.5422, 64.7234

Complementary

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



64.9914, 64.5422, 103.6402



86.5163, 94.5650, 70.1945

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.



53.5182, 64.5422, 52.0122



64.9914, 64.5422, 103.6402



63.3591, 64.5422, 44.0744

Square

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



64.9914, 64.5422, 103.6402



72.0966, 64.5422, 60.5234



57.8384, 64.5422, 44.9710



51.7200, 64.5422, 81.0226

Rectangle

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



64.9914, 64.5422, 103.6402



72.0047, 64.5422, 81.7389



57.8384, 64.5422, 44.9710



51.7937, 64.5422, 59.9373

Sweetspot

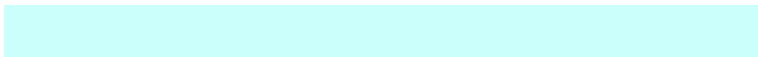
The Sweet Spot groups the original color and five complimentary colors.



64.9932, 64.5447, 103.6406



85.3025, 88.5309, 107.2000



77.7494, 91.1609, 104.4897



18.0410, 18.6934, 22.9073



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.



64.9932, 64.5447, 103.6406



60.5578, 59.2848, 102.8591



70.3545, 65.8873, 103.6172



17.1153, 17.6022, 22.7454



9.5984, 4.1064, 49.7213



0.9716, 0.4738, 4.8535

Inverse Universe

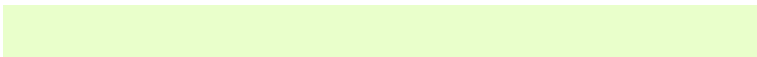
The Inverse Universe completely reimagines the original color for something new.



73.8596, 68.4783, 68.3592



70.7393, 63.8554, 62.3322



80.2533, 93.2119, 70.2634



18.0661, 18.0098, 18.9652



21.6330, 11.1425, 1.4521



2.1250, 1.0924, 0.2397

Previews

White Background



This preview shows how the XYZ color 64.9914, 64.5422, 103.6402 looks on a white background.

Color Contrast Check

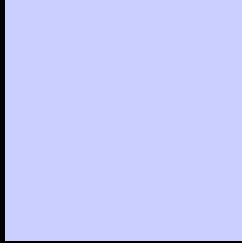
Large Text (above 18pt) WCAG AA × Fail

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 64.9914, 64.5422, 103.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

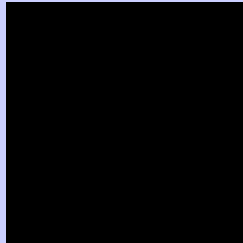
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9914, 64.5422, 103.6402

Background



This preview shows how black text looks on a background with the XYZ color 64.9914, 64.5422, 103.6402.



This preview shows how white text looks on a background with the XYZ color 64.9914, 64.5422,

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

64.9914, 64.5422, 103.6402

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

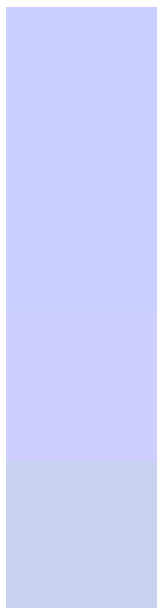
66.1337, 64.7725, 103.6245



Tritanopia

60.8358, 64.6942, 82.6796

Trichromacy



Original Color

64.9914, 64.5422, 103.6402

Protanomaly

64.6933, 64.7493, 103.6959

Deuteranomaly

65.5749, 64.4844, 103.5983

Tritanomaly

62.2986, 64.5456, 90.0640

Monochromacy



Original Color

64.9914, 64.5422, 103.6402

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9241, 65.0491, 81.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9914, 64.5422, 103.6402 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(203, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9914, 64.5422, 103.6402 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(203, 207, 255) }
```


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

```
.border{ border-color:rgb(203, 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(203, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9914, 64.5422, 103.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 255) }
```

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

```
.background{ background-color: rgb(203,  
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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