

Converting Colors

XYZ(63.0690, 64.6844,
103.7690)

Have a look what the booklet for
XYZ(63.0690, 64.6844, 103.7690)
contains.

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Color

**XYZ(63.0889, 64.6506,
103.7614)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D2FF
RGB	193, 210, 255
RGB Percent	76%, 82%, 100%
CMY	0.2431, 0.1765, 0.0000
CMYK	0.24, 0.18, 0.00, 0.00
HSL	224°, 100%, 88%
HSV	224°, 24%, 100%
XYZ	63.0889, 64.6506, 103.7614
YIQ	210.0470, -24.5770, 10.3910

Conversions

Conversions Part 2

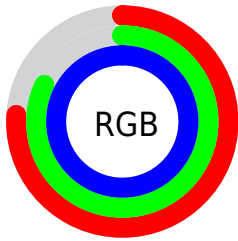
Format	Color
R_{YB}	193, 206, 255
Decimal	12702463
CIE _{Lab}	84.30, 3.81, -23.88
CIE _{LCh}	84, 24.179, 279.075
Yxy	64.6506, 0.2725, 0.2793
Android (android.graphics.Color)	4290892543 (0xFFC1D2FF)
YUV	210.0470, 22.1618, -14.9502
Hunter-Lab	80.4056, -0.6528, -20.2283

Details

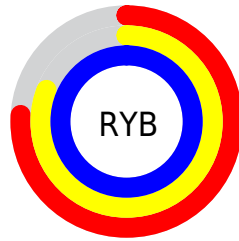
The XYZ color **63.0889, 64.6506, 103.7614** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4402, 86.2588, 62.8111**, and the grayscale version is **61.1616, 64.3468, 70.0737**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.5627, 33.2574, 58.1292** is the 20% darker color. If you saturate the color by 10%, you get **52.8322, 52.9691, 102.0472**, and if you desaturate by 10%, it is **74.9984, 77.9717, 105.7050**.

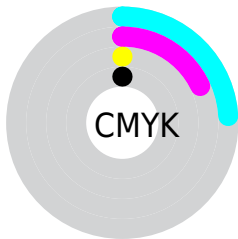
Distribution



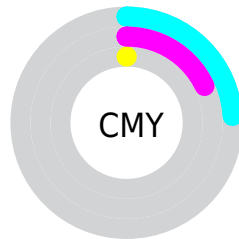
- Red (76%)
- Green (82%)
- Blue (100%)



- Red (76%)
- Yellow (81%)
- Blue (100%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0889, 64.6506, 103.7614 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 63.0889, 64.6506, 103.7614 by changing the saturation by 10% instead.

■ 63.0889, 64.6506,
103.7614

■ 63.0889, 64.6506,
103.7614

425.5466,
441.5353, 593.5353

■ 46.1720, 47.1778,
78.8112

■ 108.3788,
111.5474, 168.4135

■ 32.5868, 33.1762,
58.2202

137.4827,
141.7402, 208.9524

■ 21.9678, 22.2615,
41.5698

171.3795,
176.9417, 255.5247

■ 13.9497, 14.0492,
28.4416

210.4347,
217.5365, 308.5489

■ 8.1672, 8.1549,
18.4168

255.0137,
263.9089, 368.4435

■ 4.2548, 4.1942,
11.0771

305.4818,

■ 1.8473, 1.7828,

316.4432, 435.6271

6.0039

362.2043,
375.5239, 510.5182

■ 0.5459, 0.4764,
2.7786

■ 0.0000, 0.0000,
0.9827

■ 63.0889, 64.6506,
103.7614

■ 63.0889, 64.6506,
103.7614

■ 52.8322, 52.9691,
102.0472

■ 74.9984, 77.9717,
105.7050

■ 44.1474, 42.8542,
100.5526

■ 88.6258, 92.9866,
107.8849

■ 36.9549, 34.2383,
99.2687

95.0500, 100.0000,
108.9000

■ 31.1653, 27.0456,
98.1855

■ 26.6794, 21.1929,
97.2922

■ 23.3833, 16.5874,
96.5770

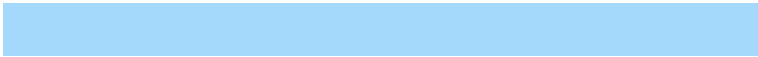
■ 21.1410, 13.1214,
96.0262

■ 20.2356, 11.5912,
95.7785

Harmonies

Analogous

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



57.8393, 64.6506, 101.7312



63.0889, 64.6506, 103.7614



68.1788, 64.6506, 95.8938

Triad

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



63.0889, 64.6506, 103.7614



69.8048, 64.6506, 53.3741



52.3129, 64.6506, 60.3658

Complementary

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



63.0889, 64.6506, 103.7614



81.4402, 86.2588, 62.8111

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.



55.1763, 64.6506, 49.8693



63.0889, 64.6506, 103.7614



65.2047, 64.6506, 46.2593

Square

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



63.0889, 64.6506, 103.7614



72.2018, 64.6506, 65.8385



59.8367, 64.6506, 45.0769



51.8196, 64.6506, 75.1539

Rectangle

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



63.0889, 64.6506, 103.7614



70.7237, 64.6506, 86.6843



59.8367, 64.6506, 45.0769



53.0218, 64.6506, 56.2834

Sweetspot

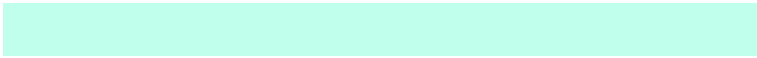
The Sweet Spot groups the original color and five complimentary colors.



63.0907, 64.6531, 103.7618



84.7907, 88.7814, 107.2753



73.1027, 88.9977, 93.7791



17.9681, 18.8044, 22.9325



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.



63.0907, 64.6531, 103.7618



58.0812, 58.9766, 102.9302



62.6954, 58.5456, 102.6038



17.4083, 18.1883, 22.8431



10.6795, 6.2685, 50.0817



1.1263, 0.7833, 4.9051

Inverse Universe

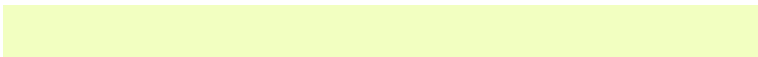
The Inverse Universe completely reimagines the original color for something new.



71.9440, 64.0546, 69.5474



68.3554, 58.5606, 63.1620



81.8556, 94.1712, 64.3165



18.2140, 18.0689, 19.7441



22.1787, 11.3608, 4.3256



2.2031, 1.1236, 0.6511

Previews

White Background



This preview shows how the XYZ color 63.0889, 64.6506, 103.7614 looks on a white background.

Color Contrast Check

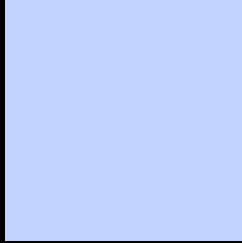
Large Text (above 18pt) WCAG AA × Fail

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 63.0889, 64.6506, 103.7614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

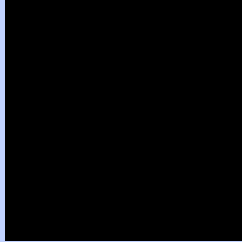
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0889, 64.6506, 103.7614

Background



This preview shows how black text looks on a background with the XYZ color 63.0889, 64.6506, 103.7614.



This preview shows how white text looks on a background with the XYZ color 63.0889, 64.6506,

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

63.0889, 64.6506, 103.7614

Protanopia

64.2647, 64.5469, 102.8376

Deuteranopia

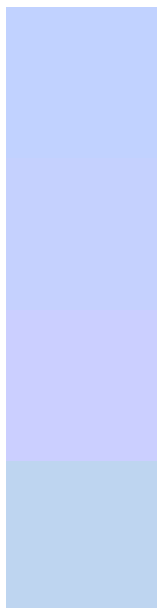
66.1337, 64.7725, 103.6245



Tritanopia

59.2094, 64.5540, 84.9408

Trichromacy



Original Color

63.0889, 64.6506, 103.7614

Protanomaly

63.7158, 64.6270, 102.8820

Deuteranomaly

64.9914, 64.5422, 103.6402

Tritanomaly

60.7576, 64.8269, 91.7487

Monochromacy



Original Color

63.0889, 64.6506, 103.7614

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6759, 64.4215, 81.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0889, 64.6506, 103.7614 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 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(193, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0889, 64.6506, 103.7614 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, 210, 255) }
```


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

```
.border{ border-color:rgb(193, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0889, 64.6506, 103.7614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 255) }
```

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

```
.background{ background-color: rgb(193,  
210, 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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