

Converting Colors

XYZ(90.8697, 75.4841,
248.3949)

Have a look what the booklet for
XYZ(90.8697, 75.4841, 248.3949)
contains.

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Color

**XYZ(63.3561, 64.4230,
103.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D1FF
RGB	195, 209, 255
RGB Percent	76%, 82%, 100%
CMY	0.2353, 0.1804, 0.0000
CMYK	0.24, 0.18, 0.00, 0.00
HSL	226°, 100%, 88%
HSV	226°, 24%, 100%
XYZ	63.3561, 64.4230, 103.7034
YIQ	210.0580, -23.1100, 11.3380

Conversions

Conversions Part 2

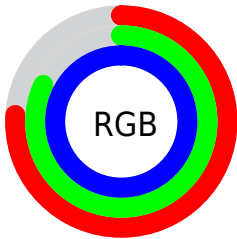
Format	Color
R _Y B	195, 206, 255
Decimal	12833279
CIE _{Lab}	84.19, 4.94, -24.04
CIE _{LCh}	84, 24.545, 281.602
Yxy	64.4230, 0.2737, 0.2783
Android (android.graphics.Color)	4291023359 (0xFFC3D1FF)
YUV	210.0580, 22.1564, -13.2059
Hunter-Lab	80.2639, 0.4365, -20.4197

Details

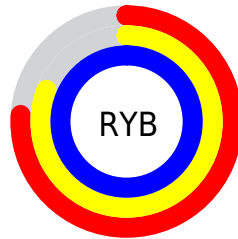
The XYZ color **63.3561, 64.4230, 103.7034** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5455, 88.1100, 64.2878**, and the grayscale version is **61.1682, 64.3537, 70.0812**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **32.7296, 33.0954, 58.0891** is the 20% darker color. If you saturate the color by 10%, you get **52.8159, 52.3021, 101.9194**, and if you desaturate by 10%, it is **75.6135, 78.3060, 105.7371**.

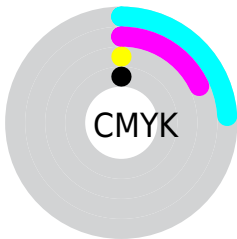
Distribution



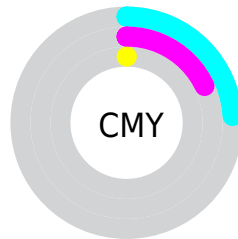
- Red (76%)
- Green (82%)
- Blue (100%)



- 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 63.3561, 64.4230, 103.7034 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 63.3561, 64.4230, 103.7034 by changing the saturation by 10% instead.

■ 63.3561, 64.4230,
103.7034

■ 63.3561, 64.4230,
103.7034

426.4999,
440.7156, 593.3498

■ 46.3891, 46.9934,
78.7629

108.7620,
111.2199, 168.3334

■ 32.7589, 33.0304,
58.1807

137.9316,
141.3560, 208.8599

■ 22.1001, 22.1497,
41.5383

171.8995,
176.4963, 255.4190

■ 14.0475, 13.9670,
28.4171

211.0309,
217.0252, 308.4290

■ 8.2356, 8.0977,
18.3985

255.6914,
263.3273, 368.3085

■ 4.2992, 4.1575,
11.0641

306.2461,

■ 1.8727, 1.7621,

315.7867, 435.4762

5.9952

363.0604,
374.7880, 510.3504

■ 0.5609, 0.4634,
2.7734

■ 0.0000, 0.0000,
0.9802

■ 63.3561, 64.4230,
103.7034

■ 63.3561, 64.4230,
103.7034

■ 52.8159, 52.3021,
101.9194

■ 75.6135, 78.3060,
105.7371

■ 43.9092, 41.8638,
100.3740

■ 89.6560, 94.0112,
108.0283

■ 36.5531, 33.0337,
99.0573

95.0500, 100.0000,
108.9000

■ 30.6550, 25.7283,
97.9581

■ 26.1121, 19.8566,
97.0642

■ 22.8070, 15.3164,
96.3620

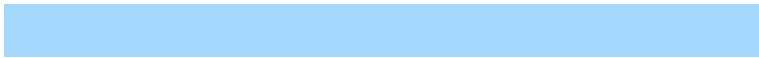
■ 20.6001, 11.9902,
95.8363

■ 19.6403, 10.4005,
95.5801

Harmonies

Analogous

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



57.9956, 64.4230, 102.5174



63.3561, 64.4230, 103.7034



68.4294, 64.4230, 94.9659

Triad

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



63.3561, 64.4230, 103.7034



69.3762, 64.4230, 52.1061



51.8495, 64.4230, 61.1251

Complementary

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



63.3561, 64.4230, 103.7034



82.5455, 88.1100, 64.2878

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.



54.5581, 64.4230, 50.0773



63.3561, 64.4230, 103.7034



64.5869, 64.4230, 45.4255

Square

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



63.3561, 64.4230, 103.7034



72.0399, 64.4230, 64.3020



59.1562, 64.4230, 44.7423



51.5633, 64.4230, 76.3331

Rectangle

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



63.3561, 64.4230, 103.7034



70.8837, 64.4230, 85.3496



59.1562, 64.4230, 44.7423



52.4990, 64.4230, 56.8639

Sweetspot

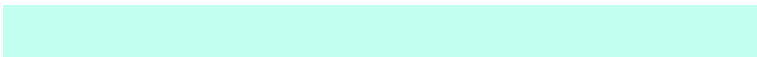
The Sweet Spot groups the original color and five complimentary colors.



63.3579, 64.4255, 103.7038



84.5740, 88.3480, 107.2031



73.9947, 89.4138, 95.7973



17.9180, 18.7043, 22.9159



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.



63.3579, 64.4255, 103.7038



58.4366, 58.7913, 102.8757



64.1447, 59.9534, 102.7991



17.3470, 18.0656, 22.8227



10.3559, 5.6214, 49.9738



1.0874, 0.7055, 4.8921

Inverse Universe

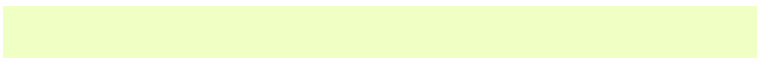
The Inverse Universe completely reimagines the original color for something new.



72.2649, 64.8951, 69.0416



68.7536, 59.5574, 62.6766



81.5461, 93.9856, 65.4746



18.1830, 18.0565, 19.5810



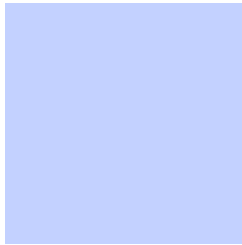
22.0154, 11.2954, 3.4655



2.1835, 1.1158, 0.5476

Previews

White Background



This preview shows how the XYZ color 63.3561, 64.4230, 103.7034 looks on a white background.

Color Contrast Check

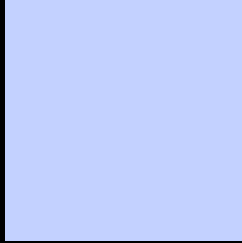
Large Text (above 18pt) WCAG AA × Fail

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 63.3561, 64.4230, 103.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

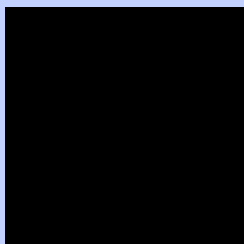
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3561, 64.4230, 103.7034

Background



This preview shows how black text looks on a background with the XYZ color 63.3561, 64.4230, 103.7034.



This preview shows how white text looks on a background with the XYZ color 63.3561, 64.4230,

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

63.3561, 64.4230, 103.7034

Protanopia

64.2647, 64.5469, 102.8376

Deuteranopia

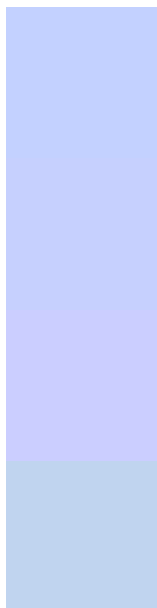
65.6134, 64.1480, 103.5314



Tritanopia

59.3124, 64.2488, 84.1381

Trichromacy



Original Color

63.3561, 64.4230, 103.7034

Protanomaly

63.7340, 64.2733, 102.8128

Deuteranomaly

64.7499, 64.0591, 103.5597

Tritanomaly

60.8617, 64.5254, 90.9083

Monochromacy



Original Color

63.3561, 64.4230, 103.7034

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.9509, 64.5633, 81.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3561, 64.4230, 103.7034 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(195, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.3561, 64.4230, 103.7034 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(195, 209, 255) }
```


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

```
.border{ border-color:rgb(195, 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(195, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3561, 64.4230, 103.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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