

Converting Colors

XYZ(74.4873, 67.9871,
149.1339)

Have a look what the booklet for
XYZ(74.4873, 67.9871, 149.1339)
contains.

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Color

**XYZ(65.8534, 64.6280,
103.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCEFF
RGB	207, 206, 255
RGB Percent	81%, 81%, 100%
CMY	0.1882, 0.1921, 0.0000
CMYK	0.19, 0.19, 0.00, 0.00
HSL	241°, 100%, 90%
HSV	241°, 19%, 100%
XYZ	65.8534, 64.6280, 103.6113
YIQ	211.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

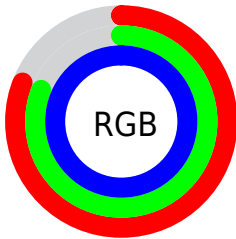
Format	Color
R _Y B	207, 206, 255
Decimal	13618943
CIE Lab	84.29, 10.14, -23.80
CIE LCh	84, 25.873, 293.082
Yxy	64.6280, 0.2813, 0.2761
Android (android.graphics.Color)	4291809023 (0xFFCFCEFF)
YUV	211.8850, 21.2557, -4.2841
Hunter-Lab	80.3915, 5.5346, -20.1408

Details

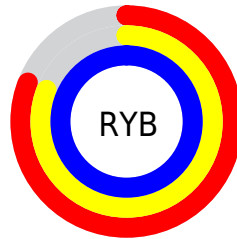
The XYZ color **65.8534, 64.6280, 103.6113** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7749, 97.0477, 72.5012**, and the grayscale version is **62.3750, 65.6234, 71.4639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3702, 33.2091, 58.0246** is the 20% darker color. If you saturate the color by 10%, you get **53.7699, 50.0144, 101.4275**, and if you desaturate by 10%, it is **80.0406, 81.8077, 106.1796**.

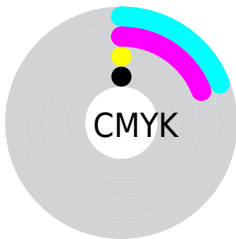
Distribution



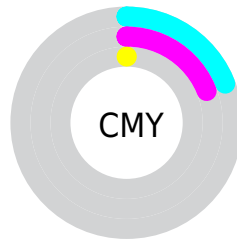
- Red (81%)
- Green (81%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8534, 64.6280, 103.6113 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 65.8534, 64.6280, 103.6113 by changing the saturation by 10% instead.

65.8534, 64.6280,
103.6113

65.8534, 64.6280,
103.6113

435.3493,
441.4540, 593.0551

48.4207, 47.1595,
78.6863

112.3348,
111.5149, 168.2062

34.3728, 33.1618,
58.1181

142.1142,
141.7020, 208.7131

23.3444, 22.2504,
41.4883

176.7398,
176.8975, 255.2510

14.9701, 14.0410,
28.3782

216.5771,
217.4858, 308.2385

8.8846, 8.1492,
18.3695

261.9913,
263.8511, 368.0941

4.7225, 4.1906,
11.0434

313.3478,

2.1184, 1.7807,

316.3780, 435.2364

5.9815

371.0120,
375.4508, 510.0839

■ 0.6992, 0.4751,
2.7652

■ 0.0000, 0.0000,
0.9760

■ 65.8534, 64.6280,
103.6113

■ 65.8534, 64.6280,
103.6113

■ 53.7699, 50.0144,
101.4275

■ 80.0406, 81.8077,
106.1796

■ 43.6848, 37.8365,
99.6085

95.0500, 100.0000,
108.9000

■ 35.4921, 27.9642,
98.1347

■ 29.0738, 20.2523,
96.9845

■ 24.2987, 14.5391,
96.1334

■ 21.0175, 10.6400,
95.5537

■ 19.0536, 8.3365,
95.2126

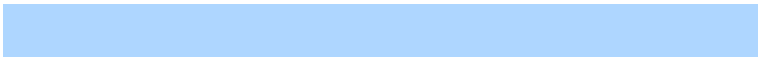
■ 18.1614, 7.3097,
95.0614

■ 18.1150, 7.2535,
95.0530

Harmonies

Analogous

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



60.1081, 64.6280, 106.6152



65.8534, 64.6280, 103.6113



70.6738, 64.6280, 91.0990

Triad

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



65.8534, 64.6280, 103.6113



68.2931, 64.6280, 48.0152



51.1154, 64.6280, 66.6325

Complementary

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



65.8534, 64.6280, 103.6113



87.7749, 97.0477, 72.5012

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.



53.0241, 64.6280, 53.0494



65.8534, 64.6280, 103.6113



62.7650, 64.6280, 43.4384

Square

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



65.8534, 64.6280, 103.6113



72.1424, 64.6280, 58.6971



57.2035, 64.6280, 45.1264



51.8289, 64.6280, 83.4937

Rectangle

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



65.8534, 64.6280, 103.6113



72.5950, 64.6280, 79.9669



57.2035, 64.6280, 45.1264



51.4675, 64.6280, 61.5714

Sweetspot

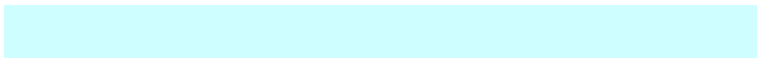
The Sweet Spot groups the original color and five complimentary colors.



65.8552, 64.6306, 103.6117



85.0610, 87.8910, 107.0892



79.0049, 91.3426, 108.0746



17.9842, 18.5428, 22.8812



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.



65.8552, 64.6306, 103.6117



61.0378, 58.8019, 102.7406



73.1804, 68.4068, 103.9546



17.0372, 17.3954, 22.7096



9.4803, 3.7977, 49.6680



0.9346, 0.3757, 4.8365

Inverse Universe

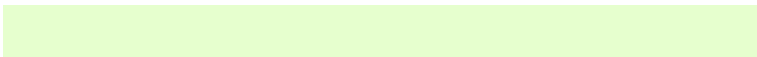
The Inverse Universe completely reimagines the original color for something new.



81.2021, 72.5607, 103.4934



78.9172, 68.0412, 102.5764



79.4335, 92.7475, 72.1109



18.7758, 18.2936, 22.7023



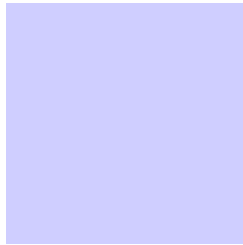
30.5564, 14.7119, 48.4420



2.9801, 1.4344, 4.7424

Previews

White Background



This preview shows how the XYZ color 65.8534, 64.6280, 103.6113 looks on a white background.

Color Contrast Check

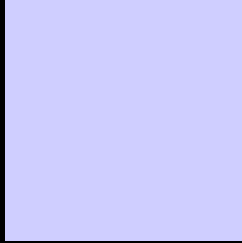
Large Text (above 18pt) WCAG AA × Fail

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 65.8534, 64.6280, 103.6113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

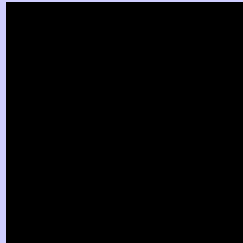
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8534, 64.6280, 103.6113

Background



This preview shows how black text looks on a background with the XYZ color 65.8534, 64.6280, 103.6113.

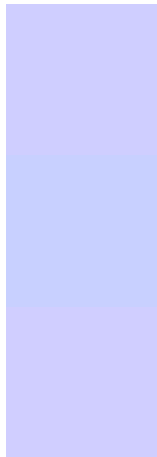


This preview shows how white text looks on a background with the XYZ color 65.8534, 64.6280,

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

65.8534, 64.6280, 103.6113

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

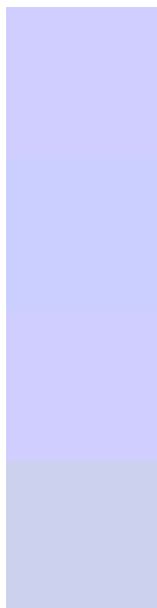
66.1337, 64.7725, 103.6245



Tritanopia

61.6550, 64.7465, 82.6466

Trichromacy



Original Color

65.8534, 64.6280, 103.6113

Protanomaly

64.9914, 64.5422, 103.6402

Deuteranomaly

66.1337, 64.7725, 103.6245

Tritanomaly

63.1349, 64.6113, 90.0326

Monochromacy



Original Color

65.8534, 64.6280, 103.6113

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6285, 65.3963, 82.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8534, 64.6280, 103.6113 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(207, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.8534, 64.6280, 103.6113 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(207, 206, 255) }
```


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

```
.border{ border-color:rgb(207, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8534, 64.6280, 103.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 255) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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