

Converting Colors

XYZ(65.5309, 63.0498,
103.3237)

Have a look what the booklet for
XYZ(65.5309, 63.0498, 103.3237)
contains.

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Color

**XYZ(65.4650, 63.0164,
103.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CAFF
RGB	209, 202, 255
RGB Percent	82%, 79%, 100%
CMY	0.1804, 0.2078, 0.0000
CMYK	0.18, 0.21, 0.00, 0.00
HSL	248°, 100%, 90%
HSV	248°, 21%, 100%
XYZ	65.4650, 63.0164, 103.3207
YIQ	210.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

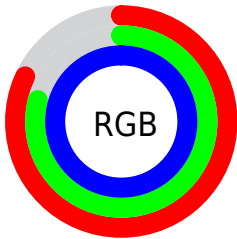
Format	Color
R _Y B	209, 202, 255
Decimal	13748991
CIE Lab	83.45, 12.90, -25.07
CIE LCh	83, 28.190, 297.223
Yxy	63.0164, 0.2824, 0.2719
Android (android.graphics.Color)	4291939071 (0xFFD1CAFF)
YUV	210.1350, 22.1184, -0.9954
Hunter-Lab	79.3829, 8.2843, -21.6008

Details

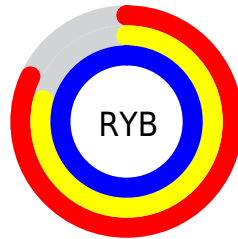
The XYZ color **65.4650, 63.0164, 103.3207** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1334, 95.7413, 69.8729**, and the grayscale version is **61.2141, 64.4020, 70.1338**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1094, 32.1271, 57.8295** is the 20% darker color. If you saturate the color by 10%, you get **54.1361, 49.0173, 101.2157**, and if you desaturate by 10%, it is **78.6560, 79.4461, 105.7968**.

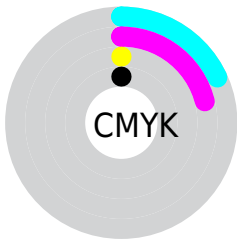
Distribution



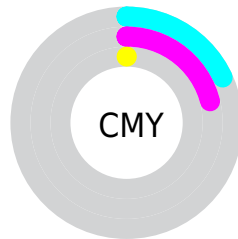
- Red (82%)
- Green (79%)
- Blue (100%)



- Red (82%)
- Yellow (79%)
- Blue (100%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4650, 63.0164, 103.3207 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 65.4650, 63.0164, 103.3207 by changing the saturation by 10% instead.

■ 65.4650, 63.0164,
103.3207

■ 65.4650, 63.0164,
103.3207

433.9799,
435.6290, 592.1248

■ 48.1043, 45.8545,
78.4444

111.7801,
109.1932, 167.8047

■ 34.1211, 32.1310,
57.9205

141.4653,
138.9768, 208.2495

■ 23.1500, 21.4616,
41.3305

175.9893,
173.7365, 254.7208

■ 14.8256, 13.4618,
28.2557

215.7175,
213.8566, 307.6372

■ 8.7826, 7.7473,
18.2778

261.0154,
259.7215, 367.4173

■ 4.6556, 3.9337,
10.9781

312.2482,

■ 2.0793, 1.6365,

311.7156, 434.4796

5.9381

369.7812,
370.2233, 509.2426

■ 0.6779, 0.3820,
2.7393

■ 0.0000, 0.0000,
0.9631

■ 65.4650, 63.0164,
103.3207

■ 65.4650, 63.0164,
103.3207

■ 54.1361, 49.0173,
101.2157

■ 78.6560, 79.4461,
105.7968

■ 44.5797, 37.3258,
99.4627

■ 93.7824, 98.4065,
108.6592

■ 36.7069, 27.8197,
98.0428

■ 95.0500, 100.0000,
108.9000

■ 30.4188, 20.3621,
96.9348

■ 25.6062, 14.8007,
96.1150

■ 22.1453, 10.9619,
95.5564

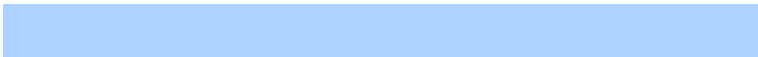
■ 19.8917, 8.6393,
95.2269

■ 18.6989, 7.5545,
95.0804

Harmonies

Analogous

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



59.3246, 63.0164, 108.2703



65.4650, 63.0164, 103.3207



70.3898, 63.0164, 88.6137

Triad

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



65.4650, 63.0164, 103.3207



66.5227, 63.0164, 43.9126



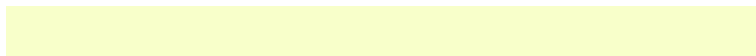
48.8509, 63.0164, 66.9878

Complementary

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



65.4650, 63.0164, 103.3207



85.1334, 95.7413, 69.8729

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.



50.4993, 63.0164, 51.8758



65.4650, 63.0164, 103.3207



60.4694, 63.0164, 40.0593

Square

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



65.4650, 63.0164, 103.3207



71.0292, 63.0164, 54.2682



54.6506, 63.0164, 42.7063



49.9901, 63.0164, 85.2887

Rectangle

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



65.4650, 63.0164, 103.3207



72.1739, 63.0164, 76.3736



54.6506, 63.0164, 42.7063



49.0946, 63.0164, 61.3989

Sweetspot

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



65.4668, 63.0189, 103.3211



85.6439, 88.1915, 107.1165



76.2276, 87.4156, 107.4630



18.1214, 18.6136, 22.8876



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.



65.4668, 63.0189, 103.3211



60.4662, 56.8244, 102.3890



73.3287, 67.0719, 103.6891



17.2259, 17.4927, 22.7185



9.8387, 3.9825, 49.6847



1.0237, 0.4216, 4.8407

Inverse Universe

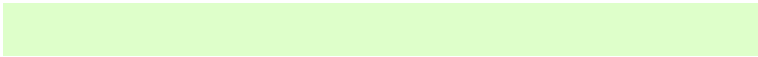
The Inverse Universe completely reimagines the original color for something new.



79.3052, 70.2807, 98.1944



76.6494, 65.3204, 96.2262



76.6434, 91.3646, 69.4756



18.6834, 18.2567, 22.2158



28.4314, 13.8618, 37.2517



2.7957, 1.3607, 3.7716

Previews

White Background



This preview shows how the XYZ color 65.4650, 63.0164, 103.3207 looks on a white background.

Color Contrast Check

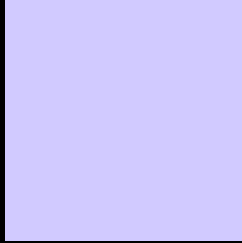
Large Text (above 18pt) WCAG AA × Fail

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 65.4650, 63.0164, 103.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

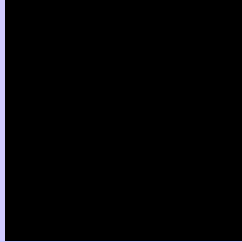
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4650, 63.0164, 103.3207

Background



This preview shows how black text looks on a background with the XYZ color 65.4650, 63.0164, 103.3207.

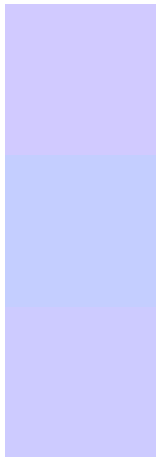


This preview shows how white text looks on a background with the XYZ color 65.4650, 63.0164,

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

65.4650, 63.0164, 103.3207

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

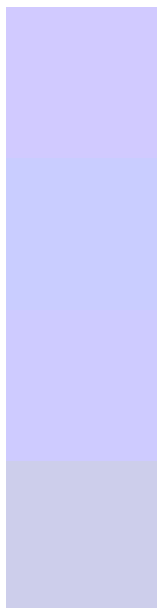
64.5828, 62.9110, 103.3469



Tritanopia

60.6390, 63.1901, 79.5219

Trichromacy



Original Color

65.4650, 63.0164, 103.3207

Protanomaly

63.9687, 63.3002, 103.4544

Deuteranomaly

64.8595, 63.0537, 103.3599

Tritanomaly

62.2435, 63.1199, 87.5000

Monochromacy



Original Color

65.4650, 63.0164, 103.3207

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6186, 63.8183, 80.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4650, 63.0164, 103.3207 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(209, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 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(209, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.4650, 63.0164, 103.3207 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(209, 202, 255) }
```


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

```
.border{ border-color:rgb(209, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4650, 63.0164, 103.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 255) }
```

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

```
.background{ background-color: rgb(209,  
202, 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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