

Converting Colors

XYZ(65.5988, 62.8958,
103.2904)

Have a look what the booklet for
XYZ(65.5988, 62.8958, 103.2904)
contains.

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Color

**XYZ(65.5150, 62.6949,
103.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C9FF
RGB	210, 201, 255
RGB Percent	82%, 79%, 100%
CMY	0.1765, 0.2117, 0.0000
CMYK	0.18, 0.21, 0.00, 0.00
HSL	250°, 100%, 89%
HSV	250°, 21%, 100%
XYZ	65.5150, 62.6949, 103.2561
YIQ	209.8470, -11.9700, 18.7020

Conversions

Conversions Part 2

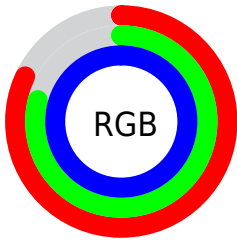
Format	Color
R _Y B	210, 201, 255
Decimal	13814271
CIE Lab	83.28, 13.74, -25.32
CIE LCh	83, 28.806, 298.485
Yxy	62.6949, 0.2830, 0.2709
Android (android.graphics.Color)	4292004351 (0xFFD2C9FF)
YUV	209.8470, 22.2604, 0.1342
Hunter-Lab	79.1801, 9.1288, -21.8920

Details

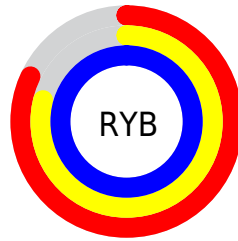
The XYZ color **65.5150, 62.6949, 103.2561** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3098, 95.3304, 69.2181**, and the grayscale version is **61.0240, 64.2020, 69.9160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1443, 31.9132, 57.7863** is the 20% darker color. If you saturate the color by 10%, you get **54.4032, 48.8638, 101.1720**, and if you desaturate by 10%, it is **78.4205, 78.9185, 105.7073**.

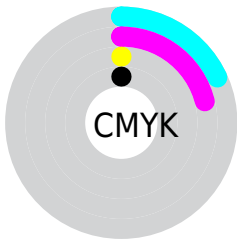
Distribution



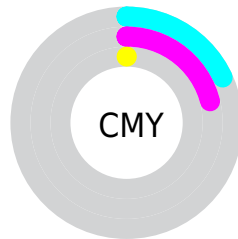
- Red (82%)
- Green (79%)
- Blue (100%)



- 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 65.5150, 62.6949, 103.2561 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 65.5150, 62.6949, 103.2561 by changing the saturation by 10% instead.

65.5150, 62.6949,
103.2561

65.5150, 62.6949,
103.2561

434.1564,
434.4614, 591.9179

48.1450, 45.5944,
78.3906

111.8515,
108.7292, 167.7154

34.1535, 31.9259,
57.8766

141.5488,
138.4319, 208.1464

23.1750, 21.3049,
41.2954

176.0860,
173.1040, 254.6029

14.8442, 13.3471,
28.2285

215.8283,
213.1301, 307.5035

8.7957, 7.6680,
18.2575

261.1411,
258.8945, 367.2668

4.6642, 3.8832,
10.9636

312.3898,

2.0843, 1.6085,

310.7815, 434.3113

5.9285

369.9398,
369.1757, 509.0555

■ 0.6807, 0.3633,
2.7336

■ 0.0000, 0.0000,
0.9603

■ 65.5150, 62.6949,
103.2561

■ 65.5150, 62.6949,
103.2561

■ 54.4032, 48.8638,
101.1720

■ 78.4205, 78.9185,
105.7073

■ 44.9996, 37.3044,
99.4365

■ 93.1893, 97.6332,
108.5412

■ 37.2198, 27.8961,
98.0305

■ 95.0500, 100.0000,
108.9000

■ 30.9698, 20.5046,
96.9332

■ 26.1458, 14.9798,
96.1211

■ 22.6304, 11.1506,
95.5673

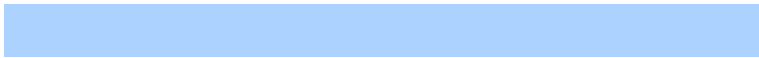
■ 20.2865, 8.8133,
95.2397

■ 19.0252, 7.7227,
95.0956

Harmonies

Analogous

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



59.2721, 62.6949, 108.8354



65.5150, 62.6949, 103.2561



70.4482, 62.6949, 87.9095

Triad

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



65.5150, 62.6949, 103.2561



66.1036, 62.6949, 42.8976



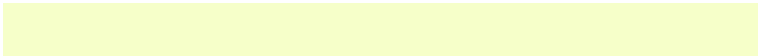
48.3517, 62.6949, 67.3572

Complementary

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



65.5150, 62.6949, 103.2561



84.3098, 95.3304, 69.2181

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.



49.9085, 62.6949, 51.7879



65.5150, 62.6949, 103.2561



59.9083, 62.6949, 39.2837

Square

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



65.5150, 62.6949, 103.2561



70.8044, 62.6949, 53.1115



54.0327, 62.6949, 42.2327



49.6264, 62.6949, 86.0551

Rectangle

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



65.5150, 62.6949, 103.2561



72.1757, 62.6949, 75.3772



54.0327, 62.6949, 42.2327



48.5590, 62.6949, 61.6131

Sweetspot

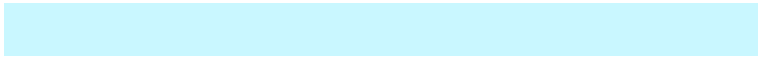
The Sweet Spot groups the original color and five complimentary colors.



65.5168, 62.6974, 103.2564



85.8256, 88.2851, 107.1250



75.3690, 86.0989, 107.2541



18.1642, 18.6356, 22.8896



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.



65.5168, 62.6974, 103.2564



61.0584, 57.1297, 102.4168



73.5635, 66.8456, 103.6330



17.2850, 17.5231, 22.7212



10.0232, 4.0776, 49.6934



1.0514, 0.4359, 4.8420

Inverse Universe

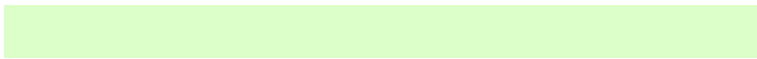
The Inverse Universe completely reimagines the original color for something new.



78.7625, 69.6893, 96.4903



76.3117, 65.1853, 94.4477



75.7890, 90.9377, 68.8193



18.6550, 18.2453, 22.0664



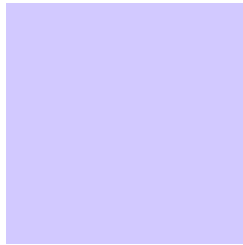
27.8397, 13.6252, 34.1360



2.7436, 1.3398, 3.4974

Previews

White Background



This preview shows how the XYZ color 65.5150, 62.6949, 103.2561 looks on a white background.

Color Contrast Check

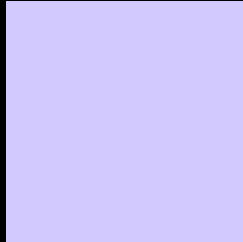
Large Text (above 18pt) WCAG AA × Fail

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 65.5150, 62.6949, 103.2561 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 65.5150, 62.6949, 103.2561

Background



This preview shows how black text looks on a background with the XYZ color 65.5150, 62.6949, 103.2561.

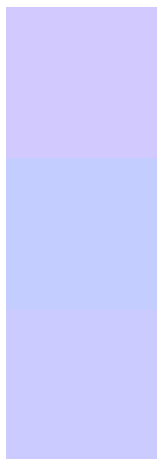


This preview shows how white text looks on a background with the XYZ color 65.5150, 62.6949,

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

65.5150, 62.6949, 103.2561

Protanopia

62.6463, 62.6184, 103.3925

Deuteranopia

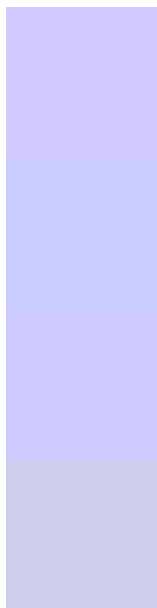
64.3078, 62.7692, 103.3340



Tritanopia

60.5339, 62.7907, 78.7414

Trichromacy



Original Color

65.5150, 62.6949, 103.2561

Protanomaly

63.7303, 62.8232, 103.3749

Deuteranomaly

64.6241, 62.5829, 103.2814

Tritanomaly

62.2803, 62.7826, 87.4330

Monochromacy



Original Color

65.5150, 62.6949, 103.2561

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 65.5150, 62.6949, 103.2561 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(210, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 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(210, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.5150, 62.6949, 103.2561 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(210, 201, 255) }
```


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

```
.border{ border-color:rgb(210, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(210, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5150, 62.6949, 103.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 255) }
```

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

```
.background{ background-color: rgb(210,  
201, 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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