

Converting Colors

XYZ(65.7052, 64.8725, 98.6272)

Have a look what the booklet for
XYZ(65.7052, 64.8725, 98.6272)
contains.

XYZ(65.7062, 65.0205, 98.7097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.7062, 65.0205,
98.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFF9
RGB	209, 207, 249
RGB Percent	82%, 81%, 98%
CMY	0.1804, 0.1882, 0.0235
CMYK	0.16, 0.17, 0.00, 0.02
HSL	243°, 78%, 89%
HSV	243°, 17%, 98%
XYZ	65.7062, 65.0205, 98.7097
YIQ	212.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

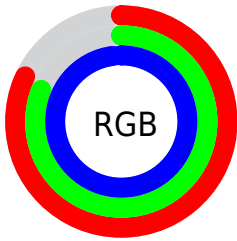
Format	Color
R _Y B	209, 207, 249
Decimal	13750265
CIE Lab	84.49, 8.94, -20.30
CIE LCh	84, 22.182, 293.769
Yxy	65.0205, 0.2864, 0.2834
Android (android.graphics.Color)	4291940345 (0xFFD1CFF9)
YUV	212.3860, 18.0507, -2.9695
Hunter-Lab	80.6353, 4.3401, -16.1352

Details

The XYZ color **65.7062, 65.0205, 98.7097** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4982, 92.0322, 72.3976**, and the grayscale version is **62.7272, 65.9939, 71.8674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2321, 33.4583, 54.5230** is the 20% darker color. If you saturate the color by 10%, you get **53.9253, 50.6883, 96.5653**, and if you desaturate by 10%, it is **79.4412, 81.7755, 101.2209**.

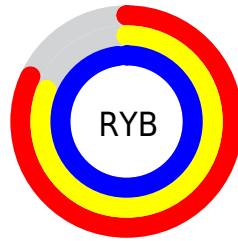
Distribution



Red (82%)

Green (81%)

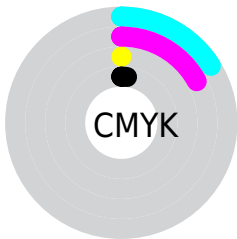
Blue (98%)



Red (82%)

Yellow (81%)

Blue (98%)

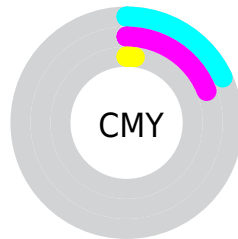


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7062, 65.0205, 98.7097 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 65.7062, 65.0205, 98.7097 by changing the saturation by 10% instead.

■ 65.7062, 65.0205,
98.7097

■ 65.7062, 65.0205,
98.7097

434.8306,
442.8656, 577.2592

■ 48.3008, 47.4777,
74.6125

112.1246,
112.0793, 161.4193

■ 34.2774, 33.4135,
54.7957

141.8683,
142.3642, 200.8687

■ 23.2707, 22.4434,
38.8407

176.4555,
177.6651, 246.2727

■ 14.9153, 14.1830,
26.3289

216.2514,
218.3666, 298.0497

■ 8.8459, 8.2481,
16.8419

261.6216,
264.8530, 356.6184

■ 4.6971, 4.2541,
9.9611

312.9313,

■ 2.1036, 1.8167,

317.5087, 422.3971

5.2679

370.5458,
376.7181, 495.8045

■ 0.6912, 0.4975,
2.3438

■ 0.0000, 0.0000,
0.7556

■ 65.7062, 65.0205,
98.7097

■ 65.7062, 65.0205,
98.7097

■ 53.9253, 50.6883,
96.5653

■ 79.4412, 81.7755,
101.2209

■ 44.0040, 38.6593,
94.7664

■ 94.0991, 99.6196,
103.8926

■ 35.8490, 28.8158,
93.2962

■ 29.3567, 21.0263,
92.1348

■ 24.4124, 15.1455,
91.2603

■ 20.8871, 11.0090,
90.6477

■ 18.6307, 8.4244,
90.2677

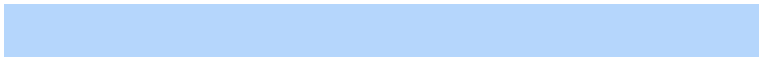
■ 17.4578, 7.1503,
90.0836

■ 17.2486, 6.9167,
90.0496

Harmonies

Analogous

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



60.7753, 65.0205, 101.4120



65.7062, 65.0205, 98.7097



69.7791, 65.0205, 88.1136

Triad

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



65.7062, 65.0205, 98.7097



67.5830, 65.0205, 51.0503



52.8343, 65.0205, 67.8860

Complementary

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



65.7062, 65.0205, 98.7097



83.4982, 92.0322, 72.3976

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.



54.4537, 65.0205, 55.9110



65.7062, 65.0205, 98.7097



62.8362, 65.0205, 47.0605

Square

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



65.7062, 65.0205, 98.7097



70.9024, 65.0205, 60.3928



58.0518, 65.0205, 48.7138



53.5121, 65.0205, 82.3307

Rectangle

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



65.7062, 65.0205, 98.7097



71.3713, 65.0205, 78.6714



58.0518, 65.0205, 48.7138



53.1252, 65.0205, 63.4650

Sweetspot

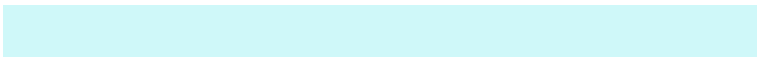
The Sweet Spot groups the original color and five complimentary colors.



65.7082, 65.0232, 98.7112



86.7892, 89.9024, 107.3863



76.2775, 86.9957, 102.3952



18.3373, 18.9506, 22.9413



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.



65.7082, 65.0232, 98.7112



65.2149, 63.5886, 103.4444



71.8548, 68.1919, 98.9988



16.3594, 16.6824, 21.7431



9.2651, 3.7190, 48.2031



0.8841, 0.3579, 4.4657

Inverse Universe

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



78.1704, 71.4835, 97.6762



80.4947, 71.5105, 102.1334



76.6926, 88.5238, 72.0791



17.9553, 17.5095, 21.6202



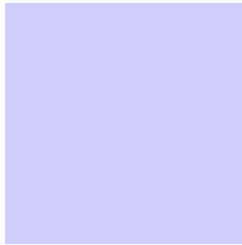
29.1220, 14.0645, 44.2123



2.7079, 1.3069, 4.1511

Previews

White Background



This preview shows how the XYZ color 65.7062, 65.0205, 98.7097 looks on a white background.

Color Contrast Check

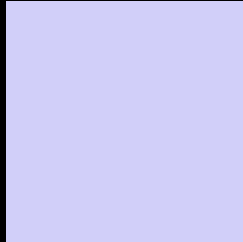
Large Text (above 18pt) WCAG AA × Fail

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 65.7062, 65.0205, 98.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

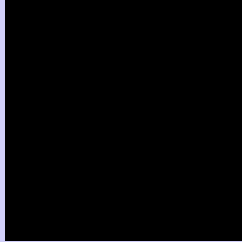
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7062, 65.0205, 98.7097

Background



This preview shows how black text looks on a background with the XYZ color 65.7062, 65.0205, 98.7097.

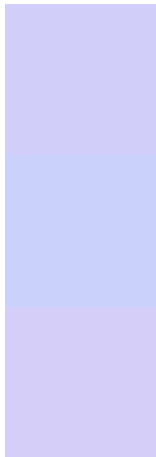


This preview shows how white text looks on a background with the XYZ color 65.7062, 65.0205,

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

65.7062, 65.0205, 98.7097

Protanopia

64.4129, 65.0596, 99.6053

Deuteranopia

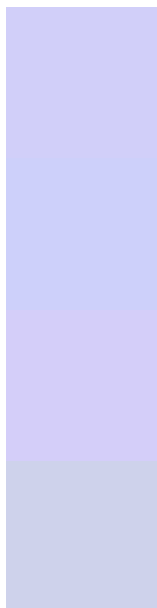
66.6108, 65.1283, 98.6828



Tritanopia

62.3362, 65.1137, 81.9558

Trichromacy



Original Color

65.7062, 65.0205, 98.7097

Protanomaly

64.9880, 64.9930, 99.5621

Deuteranomaly

66.3216, 64.9792, 98.6693

Tritanomaly

63.4956, 65.2132, 87.8381

Monochromacy



Original Color

65.7062, 65.0205, 98.7097

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5012, 65.3783, 80.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7062, 65.0205, 98.7097 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, 207, 249)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 249)  
}
```

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, 207, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 249) }
```

Border

The CSS property to change the border of an element to XYZ 65.7062, 65.0205, 98.7097 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, 207, 249) }
```


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

```
.border{ border-color:rgb(209, 207, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 249);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7062, 65.0205, 98.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 249) }
```

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

```
.background{ background-color: rgb(209,  
207, 249) }
```

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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