

Converting Colors

XYZ(65.9355, 59.9432,
100.1905)

Have a look what the booklet for
XYZ(65.9355, 59.9432, 100.1905)
contains.

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Color

**XYZ(65.9355, 59.9432,
100.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC0FC
RGB	220, 192, 252
RGB Percent	86%, 75%, 99%
CMY	0.1372, 0.2470, 0.0118
CMYK	0.13, 0.24, 0.00, 0.01
HSL	268°, 91%, 87%
HSV	268°, 24%, 99%
XYZ	65.9355, 59.9432, 100.1905
YIQ	207.2120, -2.5720, 24.5960

Conversions

Conversions Part 2

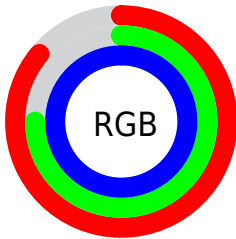
Format	Color
R _{YB}	220, 192, 252
Decimal	14467324
CIE _{Lab}	81.81, 21.04, -25.90
CIE _{LCh}	82, 33.364, 309.088
Y _{xy}	59.9432, 0.2917, 0.2652
Android (android.graphics.Color)	4292657404 (0xFFDCC0FC)
Y _{UV}	207.2120, 22.0805, 11.2151
Hunter-Lab	77.4230, 16.5252, -22.5291

Details

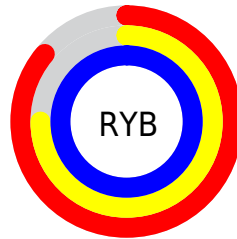
The XYZ color **65.9355, 59.9432, 100.1905** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0674, 89.2754, 63.1474**, and the grayscale version is **59.3097, 62.3985, 67.9519**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **34.2486, 30.0096, 55.6171** is the 20% darker color. If you saturate the color by 10%, you get **56.9636, 47.7966, 98.3198**, and if you desaturate by 10%, it is **76.1855, 74.1580, 102.3949**.

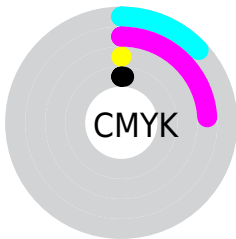
Distribution



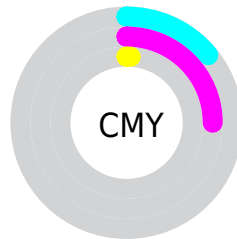
- Red (86%)
- Green (75%)
- Blue (99%)



- Red (86%)
- Yellow (75%)
- Blue (99%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9355, 59.9432, 100.1905 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 65.9355, 59.9432, 100.1905 by changing the saturation by 10% instead.

65.9355, 59.9432,
100.1905

65.9355, 59.9432,
100.1905

435.6384,
424.3884, 582.0552

48.4876, 43.3729,
75.8419

112.4520,
104.7473, 163.4731

34.4260, 30.1778,
55.7970

142.2513,
133.7498, 203.2442

23.3855, 19.9736,
39.6373

176.8983,
167.6651, 248.9931

15.0007, 12.3758,
26.9442

216.7586,
206.8777, 301.1385

8.9062, 7.0002,
17.2993

262.1974,
251.7720, 360.0989

4.7367, 3.4622,
10.2839

313.5800,

2.1267, 1.3775,

302.7322, 426.2927

5.4795

371.2719,
360.1429, 500.1386

■ 0.7037, 0.2001,
2.4677

■ 0.0000, 0.0000,
0.8229

■ 65.9355, 59.9432,
100.1905

■ 65.9355, 59.9432,
100.1905

■ 56.9636, 47.7966,
98.3198

■ 76.1855, 74.1580,
102.3949

■ 49.2084, 37.6103,
96.7624

■ 87.7602, 90.5269,
104.9444

■ 42.6111, 29.2776,
95.5017

94.5709, 99.8083,
106.3769

■ 37.1057, 22.6785,
94.5181

■ 32.6184, 17.6781,
93.7895

■ 29.0646, 14.1207,
93.2901

■ 26.3426, 11.8168,
92.9889

■ 24.9874, 10.8517,
92.8740

Harmonies

Analogous

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



59.1375, 59.9432, 111.4808



65.9355, 59.9432, 100.1905



70.5669, 59.9432, 80.0950

Triad

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



65.9355, 59.9432, 100.1905



61.9401, 59.9432, 35.3565



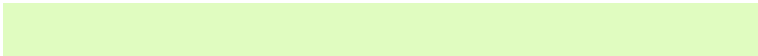
44.6340, 59.9432, 71.5798

Complementary

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



65.9355, 59.9432, 100.1905



75.0674, 89.2754, 63.1474

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.



45.2497, 59.9432, 52.3939



65.9355, 59.9432, 100.1905



54.8643, 59.9432, 34.0016

Square

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



65.9355, 59.9432, 100.1905



68.1315, 59.9432, 43.7628



48.8640, 59.9432, 39.5804



47.1068, 59.9432, 92.8670

Rectangle

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



65.9355, 59.9432, 100.1905



71.5975, 59.9432, 65.8867



48.8640, 59.9432, 39.5804



44.4913, 59.9432, 64.6531

Sweetspot

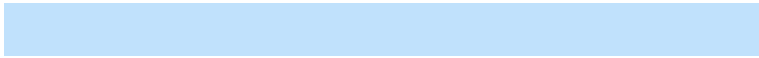
The Sweet Spot groups the original color and five complimentary colors.



65.9374, 59.9457, 100.1918



86.2014, 87.3741, 106.9293



66.2363, 72.0874, 102.5197



18.2943, 18.4799, 22.8527



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.



65.9374, 59.9457, 100.1918



62.7728, 54.8199, 101.8806



75.4890, 64.8697, 100.6388



17.0531, 17.0400, 21.7755



13.1827, 5.7386, 48.3864



1.3420, 0.5939, 4.4871

Inverse Universe

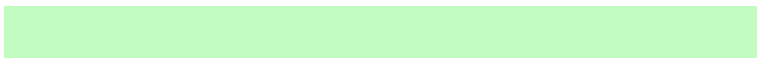
The Inverse Universe completely reimagines the original color for something new.



72.4511, 63.7791, 79.0157



70.7575, 59.5215, 75.8112



66.8326, 85.0302, 62.7620



17.6316, 17.3800, 19.9157



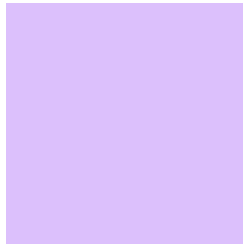
23.2434, 11.7131, 13.2562



2.2063, 1.1063, 1.5099

Previews

White Background



This preview shows how the XYZ color 65.9355, 59.9432, 100.1905 looks on a white background.

Color Contrast Check

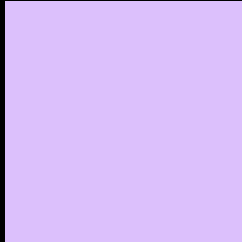
Large Text (above 18pt) WCAG AA × Fail

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 65.9355, 59.9432, 100.1905 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 65.9355, 59.9432, 100.1905

Background



This preview shows how black text looks on a background with the XYZ color 65.9355, 59.9432, 100.1905.

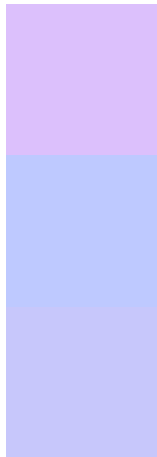


This preview shows how white text looks on a background with the XYZ color 65.9355, 59.9432,

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

65.9355, 59.9432, 100.1905

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.3892, 59.9540, 99.6035



Tritanopia

60.4207, 60.0493, 72.6961

Trichromacy



Original Color

65.9355, 59.9432, 100.1905

Protanomaly

62.1709, 59.9614, 102.0629

Deuteranomaly

62.8846, 59.7103, 99.4776

Tritanomaly

62.0624, 59.6802, 81.6472

Monochromacy



Original Color

65.9355, 59.9432, 100.1905

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.5912, 61.5658, 78.4492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9355, 59.9432, 100.1905 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(220, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 192, 252)  
}
```

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(220, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 192, 252) }
```

Border

The CSS property to change the border of an element to XYZ 65.9355, 59.9432, 100.1905 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(220, 192, 252) }
```


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

```
.border{ border-color:rgb(220, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 192, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 192, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 192,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9355, 59.9432, 100.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 192, 252) }
```

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

```
.background{ background-color: rgb(220,  
192, 252) }
```

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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