

Converting Colors

XYZ(66.0536, 56.4974,
102.0314)

Have a look what the booklet for
XYZ(66.0536, 56.4974, 102.0314)
contains.

XYZ(65.9379, 56.4365, 102.0258)	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(65.9379, 56.4365,
102.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B5FF
RGB	226, 181, 255
RGB Percent	89%, 71%, 100%
CMY	0.1137, 0.2902, 0.0000
CMYK	0.11, 0.29, 0.00, 0.00
HSL	276°, 100%, 85%
HSV	276°, 29%, 100%
XYZ	65.9379, 56.4365, 102.0258
YIQ	202.8910, 3.0660, 32.5540

Conversions

Conversions Part 2

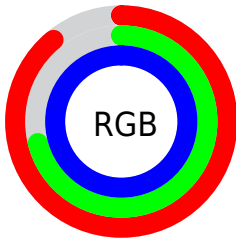
Format	Color
R _Y B	226, 181, 255
Decimal	14857727
CIE Lab	79.86, 29.43, -30.43
CIE LCh	80, 42.333, 314.040
Yxy	56.4365, 0.2938, 0.2515
Android (android.graphics.Color)	4293047807 (0xFFE2B5FF)
YUV	202.8910, 25.6897, 20.2666
Hunter-Lab	75.1242, 25.2053, -27.9345

Details

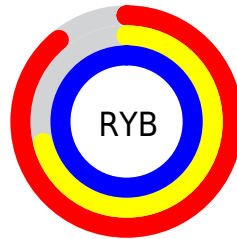
The XYZ color **65.9379, 56.4365, 102.0258** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6801, 88.5584, 57.0869**, and the grayscale version is **56.5405, 59.4850, 64.7792**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **34.4898, 28.0616, 57.0247** is the 20% darker color. If you saturate the color by 10%, you get **58.1771, 45.4314, 100.3106**, and if you desaturate by 10%, it is **74.8335, 69.4381, 104.0665**.

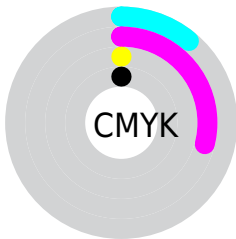
Distribution



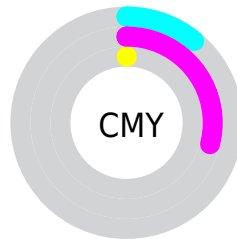
- Red (89%)
- Green (71%)
- Blue (100%)



- Red (89%)
- Yellow (71%)
- Blue (100%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9379, 56.4365, 102.0258 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 65.9379, 56.4365, 102.0258 by changing the saturation by 10% instead.

 65.9379, 56.4365,
102.0258

 65.9379, 56.4365,
102.0258

435.6469,
411.3344, 587.9703

 48.4895, 40.5530,
77.3672


 112.4554, 99.6425,
166.0144

 34.4276, 27.9700,
57.0409


142.2553,
127.7338, 206.1815

 23.3867, 18.3030,
40.6285


176.9030,
160.6631, 252.3551

 15.0016, 11.1678,
27.7114

216.7639,
198.8149, 304.9538

 8.9068, 6.1798,
17.8711

262.2034,
242.5735, 364.3961

 4.7371, 2.9547,
10.6890

313.5868,

 2.1270, 1.1081,

292.3234, 431.1006

5.7466

371.2795,
348.4489, 505.4858

■ 0.7038, 0.0000,
2.6253

■ 0.0000, 0.0000,
0.9055

■ 65.9379, 56.4365,
102.0258

■ 65.9379, 56.4365,
102.0258

■ 58.1771, 45.4314,
100.3106

■ 74.8335, 69.4381,
104.0665

■ 51.4913, 36.3106,
98.9025

■ 84.9099, 84.5267,
106.4478

■ 45.8222, 28.9614,
97.7828

95.0500, 100.0000,
108.9000

■ 41.1032, 23.2555,
96.9301

■ 37.2590, 19.0468,
96.3204

■ 34.2003, 16.1624,
95.9248

■ 31.7972, 14.3473,
95.7011

■ 31.5807, 14.1954,
95.6832

Harmonies

Analogous

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



57.7411, 56.4365, 119.5819



65.9379, 56.4365, 102.0258



71.1054, 56.4365, 75.3692

Triad

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



65.9379, 56.4365, 102.0258



58.3036, 56.4365, 26.3141



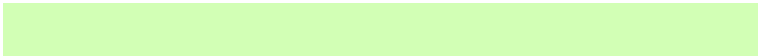
39.1837, 56.4365, 73.6309

Complementary

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



65.9379, 56.4365, 102.0258



70.6801, 88.5584, 57.0869

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.



39.2999, 56.4365, 49.3592



65.9379, 56.4365, 102.0258



49.7401, 56.4365, 26.0820

Square

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



65.9379, 56.4365, 102.0258



66.3874, 56.4365, 34.1236



42.9770, 56.4365, 33.3730



42.6408, 56.4365, 100.4645

Rectangle

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



65.9379, 56.4365, 102.0258



71.8253, 56.4365, 58.1831



42.9770, 56.4365, 33.3730



38.8186, 56.4365, 64.8364

Sweetspot

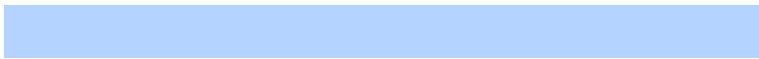
The Sweet Spot groups the original color and five complimentary colors.



65.9396, 56.4388, 102.0261



84.9289, 84.5553, 106.4523



60.3029, 63.4358, 103.6738



17.8483, 17.5998, 22.7063



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.



65.9396, 56.4388, 102.0261



61.1633, 49.6210, 100.9619



74.6462, 61.0622, 96.3342



18.0632, 17.9243, 22.7577



16.6741, 7.5063, 50.0046



1.7462, 0.7941, 4.8745

Inverse Universe

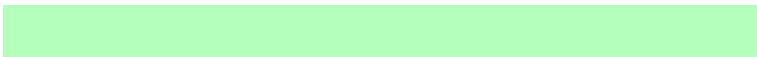
The Inverse Universe completely reimagines the original color for something new.



69.3980, 58.9630, 68.6978



65.3412, 52.6458, 61.8073



63.9379, 84.9926, 60.8411



18.3041, 18.1050, 20.2186



22.8170, 11.6161, 7.6869



2.2734, 1.1517, 1.0212

Previews

White Background



This preview shows how the XYZ color 65.9379, 56.4365, 102.0258 looks on a white background.

Color Contrast Check

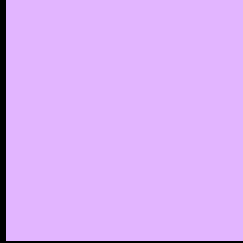
Large Text (above 18pt) WCAG AA × Fail

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 65.9379, 56.4365, 102.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

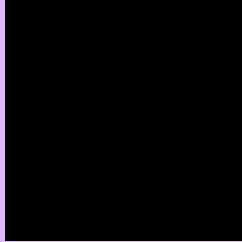
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9379, 56.4365, 102.0258

Background



This preview shows how black text looks on a background with the XYZ color 65.9379, 56.4365, 102.0258.

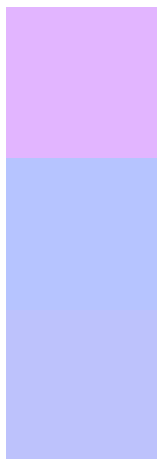


This preview shows how white text looks on a background with the XYZ color 65.9379, 56.4365,

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

65.9379, 56.4365, 102.0258

Protanopia

57.0813, 56.6449, 102.5328

Deuteranopia

57.8487, 56.4307, 99.9387



Tritanopia

58.5637, 56.5748, 65.5910

Trichromacy



Original Color

65.9379, 56.4365, 102.0258



Protanomaly

59.9695, 56.4874, 102.3502



Deuteranomaly

60.2843, 56.0436, 100.5687



Tritanomaly

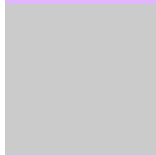
60.9084, 56.2405, 77.4573

Monochromacy



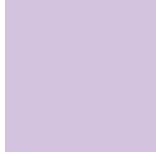
Original Color

65.9379, 56.4365, 102.0258



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.5639, 58.1530, 77.1925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9379, 56.4365, 102.0258 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(226, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 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(226, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9379, 56.4365, 102.0258 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(226, 181, 255) }
```


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

```
.border{ border-color:rgb(226, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9379, 56.4365, 102.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 255) }
```

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

```
.background{ background-color: rgb(226,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor