

Converting Colors

XYZ(67.2943, 56.7475,
113.0753)

Have a look what the booklet for
XYZ(67.2943, 56.7475, 113.0753)
contains.

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Color

**XYZ(65.3143, 56.1150,
101.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B5FF
RGB	224, 181, 255
RGB Percent	88%, 71%, 100%
CMY	0.1216, 0.2902, 0.0000
CMYK	0.12, 0.29, 0.00, 0.00
HSL	275°, 100%, 85%
HSV	275°, 29%, 100%
XYZ	65.3143, 56.1150, 101.9966
YIQ	202.2930, 1.8740, 32.1300

Conversions

Conversions Part 2

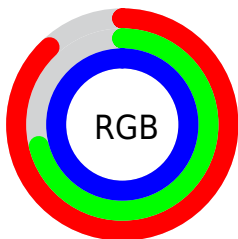
Format	Color
R _Y B	224, 181, 255
Decimal	14726655
CIE _{Lab}	79.68, 28.81, -30.73
CIE _{LCh}	80, 42.124, 313.160
Y _{xy}	56.1150, 0.2923, 0.2512
Android (android.graphics.Color)	4292916735 (0xFFE0B5FF)
Y _{UV}	202.2930, 25.9846, 19.0370
Hunter-Lab	74.9099, 24.5425, -28.2917

Details

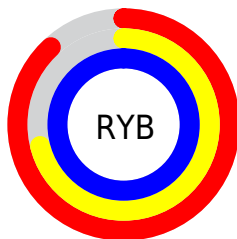
The XYZ color **65.3143, 56.1150, 101.9966** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2531, 88.8538, 57.1136**, and the grayscale version is **56.1654, 59.0904, 64.3494**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **34.0607, 27.8404, 57.0046** is the 20% darker color. If you saturate the color by 10%, you get **57.3889, 45.0250, 100.2737**, and if you desaturate by 10%, it is **74.3999, 69.2145, 104.0462**.

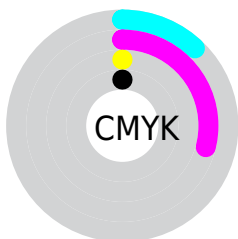
Distribution



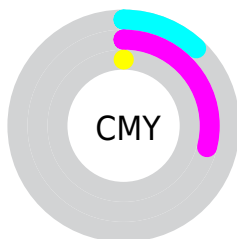
- Red (88%)
- Green (71%)
- Blue (100%)



- Red (88%)
- Yellow (71%)
- Blue (100%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3143, 56.1150, 101.9966 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 65.3143, 56.1150, 101.9966 by changing the saturation by 10% instead.

65.3143, 56.1150,
101.9966

65.3143, 56.1150,
101.9966

433.4480,
410.1247, 587.8764

47.9816, 40.2951,
77.3429

111.5648, 99.1727,
165.9740

34.0235, 27.7687,
57.0211

141.2133,
127.1793, 206.1348

23.0746, 18.1514,
40.6127

175.6979,
160.0170, 252.3017

14.7696, 11.0587,
27.6992

215.3838,
198.0701, 304.8932

8.7431, 6.1064,
17.8619

260.6364,
241.7230, 364.3279

4.6298, 2.9099,
10.6825

311.8210,

2.0642, 1.0849,

291.3602, 431.0243

5.7423

369.3031,
347.3660, 505.4010

■ 0.6697, 0.0000,
2.6228

■ 0.0000, 0.0000,
0.9042

■ 65.3143, 56.1150,
101.9966

■ 65.3143, 56.1150,
101.9966

■ 57.3889, 45.0250,
100.2737

■ 74.3999, 69.2145,
104.0462

■ 50.5632, 35.8322,
98.8591

■ 84.6922, 84.4144,
106.4376

■ 44.7781, 28.4231,
97.7339

95.0500, 100.0000,
108.9000

■ 39.9664, 22.6694,
96.8769

■ 36.0517, 18.4245,
96.2639

■ 32.9442, 15.5148,
95.8661

■ 30.5128, 13.6852,
95.6410

■ 30.2947, 13.5324,
95.6230

Harmonies

Analogous

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



57.1437, 56.1150, 118.9482



65.3143, 56.1150, 101.9966



70.5571, 56.1150, 75.6873

Triad

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



65.3143, 56.1150, 101.9966



58.2118, 56.1150, 26.3579



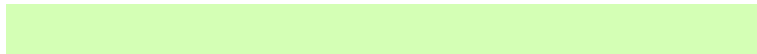
38.9519, 56.1150, 72.3875

Complementary

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



65.3143, 56.1150, 101.9966



71.2531, 88.8538, 57.1136

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.



39.1726, 56.1150, 48.5183



65.3143, 56.1150, 101.9966



49.7006, 56.1150, 25.9162

Square

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



65.3143, 56.1150, 101.9966



66.1675, 56.1150, 34.3495



42.9191, 56.1150, 32.9220



42.2802, 56.1150, 99.0347

Rectangle

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



65.3143, 56.1150, 101.9966



71.3749, 56.1150, 58.5558



42.9191, 56.1150, 32.9220



38.6249, 56.1150, 63.7163

Sweetspot

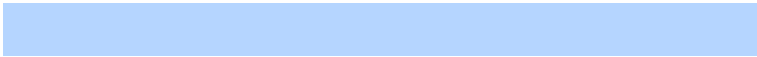
The Sweet Spot groups the original color and five complimentary colors.



65.3160, 56.1173, 101.9969



84.7117, 84.4433, 106.4422



60.9188, 64.6677, 103.8791



17.7947, 17.5721, 22.7038



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.



65.3160, 56.1173, 101.9969



60.4383, 49.2473, 100.9280



75.0306, 61.2160, 98.3589



18.0143, 17.8991, 22.7554



16.0037, 7.1607, 49.9732



1.6828, 0.7615, 4.8716

Inverse Universe

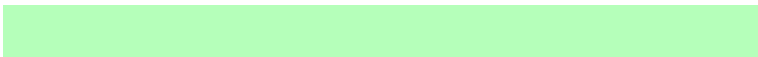
The Inverse Universe completely reimagines the original color for something new.



69.6488, 59.0632, 70.0185



65.6268, 52.7600, 63.3111



63.6734, 84.8868, 59.4485



18.3250, 18.1133, 20.3287



23.0011, 11.6897, 8.6563



2.2926, 1.1594, 1.1221

Previews

White Background



This preview shows how the XYZ color 65.3143, 56.1150, 101.9966 looks on a white background.

Color Contrast Check

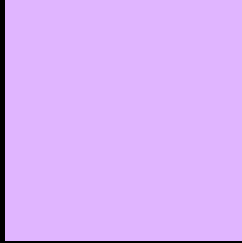
Large Text (above 18pt) WCAG AA × Fail

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 65.3143, 56.1150, 101.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

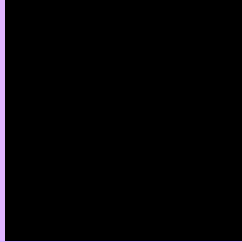
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3143, 56.1150, 101.9966

Background



This preview shows how black text looks on a background with the XYZ color 65.3143, 56.1150, 101.9966.

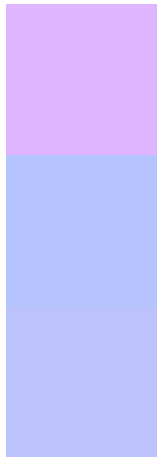


This preview shows how white text looks on a background with the XYZ color 65.3143, 56.1150,

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

65.3143, 56.1150, 101.9966

Protanopia

56.8460, 56.5236, 102.5218

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

57.9691, 56.2683, 65.5632

Trichromacy



Original Color

65.3143, 56.1150, 101.9966



Protanomaly

59.7068, 56.3519, 102.3379



Deuteranomaly

60.0146, 55.9045, 100.5561



Tritanomaly

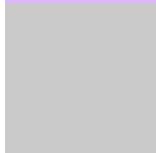
60.3030, 55.9284, 77.4290

Monochromacy



Original Color

65.3143, 56.1150, 101.9966



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

58.9213, 57.5057, 76.4008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3143, 56.1150, 101.9966 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(224, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3143, 56.1150, 101.9966 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(224, 181, 255) }
```


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

```
.border{ border-color:rgb(224, 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(224, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3143, 56.1150, 101.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 255) }
```

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

```
.background{ background-color: rgb(224,  
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](#).

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