

Converting Colors

XYZ(71.3437, 58.2976,
131.9147)

Have a look what the booklet for
XYZ(71.3437, 58.2976, 131.9147)
contains.

XYZ(65.7353, 56.0313, 101.9582)	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(65.7353, 56.0313,
101.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B4FF
RGB	226, 180, 255
RGB Percent	89%, 71%, 100%
CMY	0.1137, 0.2941, 0.0000
CMYK	0.11, 0.29, 0.00, 0.00
HSL	277°, 100%, 85%
HSV	277°, 29%, 100%
XYZ	65.7353, 56.0313, 101.9582
YIQ	202.3040, 3.3410, 33.0770

Conversions

Conversions Part 2

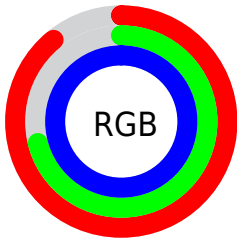
Format	Color
R _Y B	226, 180, 255
Decimal	14857471
CIE Lab	79.63, 29.97, -30.78
CIE LCh	80, 42.961, 314.227
Yxy	56.0313, 0.2938, 0.2504
Android (android.graphics.Color)	4293047551 (0xFFE2B4FF)
YUV	202.3040, 25.9791, 20.7814
Hunter-Lab	74.8541, 25.7604, -28.3607

Details

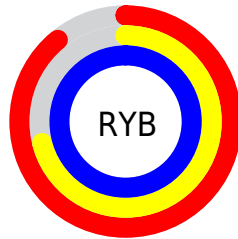
The XYZ color **65.7353, 56.0313, 101.9582** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2940, 88.3712, 56.5351**, and the grayscale version is **56.1717, 59.0970, 64.3567**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **34.3600, 27.8020, 56.9814** is the 20% darker color. If you saturate the color by 10%, you get **58.0501, 45.1188, 100.2570**, and if you desaturate by 10%, it is **74.5486, 68.9338, 103.9842**.

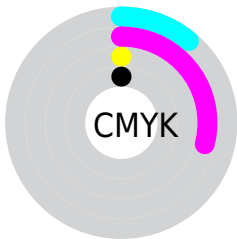
Distribution



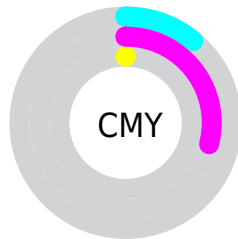
- Red (89%)
- Green (71%)
- Blue (100%)



- 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 65.7353, 56.0313, 101.9582 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 65.7353, 56.0313, 101.9582 by changing the saturation by 10% instead.

65.7353, 56.0313,
101.9582

65.7353, 56.0313,
101.9582

434.9332,
409.8094, 587.7530

48.3245, 40.2280,
77.3109

112.1662, 99.0503,
165.9209

34.2962, 27.7164,
56.9950

141.9169,
127.0349, 206.0734

23.2852, 18.1120,
40.5919

176.5117,
159.8486, 252.2314

14.9261, 11.0304,
27.6831

216.3158,
197.8760, 304.8135

8.8535, 6.0873,
17.8499

261.6947,
241.5014, 364.2381

4.7021, 2.8982,
10.6740

313.0136,

2.1065, 1.0788,

291.1091, 430.9239

5.7367

370.6380,
347.0837, 505.2893

■ 0.6927, 0.0000,
2.6194

■ 0.0000, 0.0000,
0.9025

■ 65.7353, 56.0313,
101.9582

■ 65.7353, 56.0313,
101.9582

■ 58.0501, 45.1188,
100.2570

■ 74.5486, 68.9338,
103.9842

■ 51.4330, 36.0841,
98.8618

■ 84.5359, 83.9171,
106.3499

■ 45.8257, 28.8137,
97.7541

95.0500, 100.0000,
108.9000

■ 41.1614, 23.1792,
96.9123

■ 37.3645, 19.0335,
96.3123

■ 34.3452, 16.2025,
95.9249

■ 31.9677, 14.4191,
95.7060

■ 31.8381, 14.3280,
95.6953

Harmonies

Analogous

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



57.4542, 56.0313, 119.8919



65.7353, 56.0313, 101.9582



70.9414, 56.0313, 74.9109

Triad

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



65.7353, 56.0313, 101.9582



57.9117, 56.0313, 25.6614



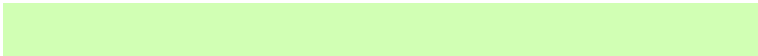
38.6911, 56.0313, 73.4955

Complementary

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



65.7353, 56.0313, 101.9582



70.2940, 88.3712, 56.5351

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.



38.7851, 56.0313, 48.9423



65.7353, 56.0313, 101.9582



49.2676, 56.0313, 25.4750

Square

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



65.7353, 56.0313, 101.9582



66.1014, 56.0313, 33.4246



42.4655, 56.0313, 32.8194



42.1930, 56.0313, 100.6829

Rectangle

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



65.7353, 56.0313, 101.9582



71.6479, 56.0313, 57.5603



42.4655, 56.0313, 32.8194



38.3162, 56.0313, 64.5918

Sweetspot

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



65.7370, 56.0336, 101.9586



84.9710, 84.5770, 106.4543



59.9208, 63.0185, 103.6134



17.8587, 17.6051, 22.7068



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.



65.7370, 56.0336, 101.9586



61.3047, 49.6939, 100.9685



74.4281, 60.6508, 96.1852



18.0727, 17.9292, 22.7581



16.8081, 7.5754, 50.0109



1.7588, 0.8006, 4.8751

Inverse Universe

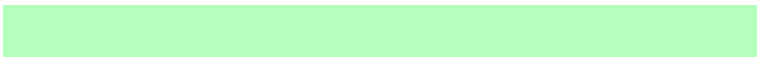
The Inverse Universe completely reimagines the original color for something new.



69.0712, 58.5081, 67.9760



65.2865, 52.6239, 61.5192



63.6073, 84.8334, 60.3193



18.3001, 18.1033, 20.1974



22.7831, 11.6025, 7.5083



2.2698, 1.1503, 1.0024

Previews

White Background



This preview shows how the XYZ color 65.7353, 56.0313, 101.9582 looks on a white background.

Color Contrast Check

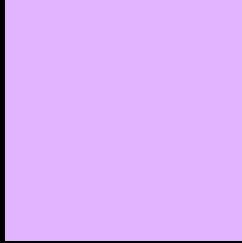
Large Text (above 18pt) WCAG AA × Fail

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 65.7353, 56.0313, 101.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

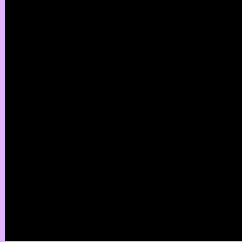
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7353, 56.0313, 101.9582

Background



This preview shows how black text looks on a background with the XYZ color 65.7353, 56.0313, 101.9582.

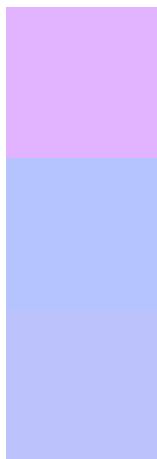


This preview shows how white text looks on a background with the XYZ color 65.7353, 56.0313,

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

65.7353, 56.0313, 101.9582

Protanopia

56.8460, 56.5236, 102.5218

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

58.3463, 56.1401, 65.5185

Trichromacy



Original Color

65.7353, 56.0313, 101.9582



Protanomaly

59.4894, 55.9172, 102.2654



Deuteranomaly

60.2843, 56.0436, 100.5687



Tritanomaly

60.6970, 55.8177, 77.3868

Monochromacy



Original Color

65.7353, 56.0313, 101.9582



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.2069, 57.6529, 76.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7353, 56.0313, 101.9582 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.7353, 56.0313, 101.9582 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, 180, 255) }
```


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

```
.border{ border-color:rgb(226, 180, 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, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 180, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 180, 255); box-shadow:4px 4px 4px 4px rgb(226, 180, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7353, 56.0313, 101.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 255) }
```

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

```
.background{ background-color: rgb(226,  
180, 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