

Converting Colors

XYZ(58.4003, 42.7001,
111.5400)

Have a look what the booklet for
XYZ(58.4003, 42.7001, 111.5400)
contains.

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Color

**XYZ(56.1997, 41.9179,
99.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	D791FF
RGB	215, 145, 255
RGB Percent	84%, 57%, 100%
CMY	0.1569, 0.4314, 0.0000
CMYK	0.16, 0.43, 0.00, 0.00
HSL	278°, 100%, 78%
HSV	278°, 43%, 100%
XYZ	56.1997, 41.9179, 99.7366
YIQ	178.4700, 6.4100, 49.0500

Conversions

Conversions Part 2

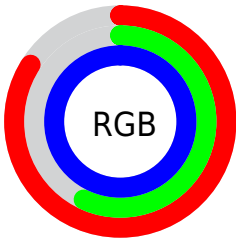
Format	Color
R _{YB}	215, 145, 255
Decimal	14127615
CIE _{Lab}	70.81, 45.46, -44.56
CIE _{LCh}	71, 63.657, 315.579
Yxy	41.9179, 0.2840, 0.2119
Android (android.graphics.Color)	4292317695 (0xFFD791FF)
YUV	178.4700, 37.7293, 32.0368
Hunter-Lab	64.7440, 41.6411, -46.0140

Details

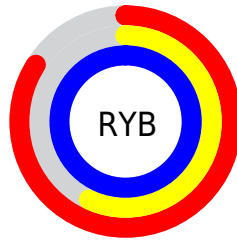
The XYZ color **56.1997, 41.9179, 99.7366** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.8793, 83.8790, 39.7715**, and the grayscale version is **42.3710, 44.5776, 48.5450**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **28.2079, 19.1750, 55.6405** is the 20% darker color. If you saturate the color by 10%, you get **50.0856, 33.6172, 98.4567**, and if you desaturate by 10%, it is **63.3452, 52.0502, 101.3158**.

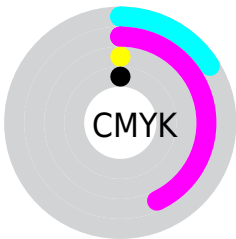
Distribution



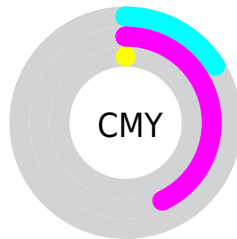
- Red (84%)
- Green (57%)
- Blue (100%)



- Red (84%)
- Yellow (57%)
- Blue (100%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1997, 41.9179, 99.7366 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 56.1997, 41.9179, 99.7366 by changing the saturation by 10% instead.


 56.1997, 41.9179,
99.7366

 56.1997, 41.9179,
99.7366


400.5065,
354.1425, 580.5873

 40.6007, 29.0370,
75.4649


 98.4346, 78.0754,
162.8439

 28.1935, 19.1088,
55.4898


 125.8012,
102.1207, 202.5166

 18.6128, 11.7489,
39.3928


157.8211,
130.6563, 248.1600

 11.4932, 6.5730,
26.7553

194.8595,
164.0666, 300.1927

 6.4693, 3.1965,
17.1587

237.2820,
202.7360, 359.0333

 3.1758, 1.2352,
10.1845

285.4537,

 1.2474, 0.0901,

247.0489, 425.1002

5.4143

339.7401,
297.3895, 498.8120

■ 0.1433, 0.0000,
2.4294

■ 0.0000, 0.0000,
0.8024

■ 56.1997, 41.9179,
99.7366

■ 56.1997, 41.9179,
99.7366

■ 50.0856, 33.6172,
98.4567

■ 63.3452, 52.0502,
101.3158

■ 44.9372, 27.0234,
97.4553

■ 71.5742, 64.1178,
103.2113

■ 40.6865, 22.0036,
96.7105

■ 80.9399, 78.2224,
105.4402

■ 37.2540, 18.4027,
96.1963

■ 91.4905, 94.4570,
108.0177

■ 34.5433, 16.0319, 95.0500, 100.0000,
95.8816 108.9000

■ 33.0061, 14.9301,
95.7499

Harmonies

Analogous

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



45.5556, 41.9179, 127.8519



56.1997, 41.9179, 99.7366



62.9567, 41.9179, 61.7347

Triad

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



56.1997, 41.9179, 99.7366



45.1233, 41.9179, 9.2841



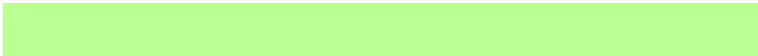
23.2898, 41.9179, 63.1346

Complementary

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



56.1997, 41.9179, 99.7366



60.8793, 83.8790, 39.7715

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.



23.2156, 41.9179, 32.6205



56.1997, 41.9179, 99.7366



34.6267, 41.9179, 9.3898

Square

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



56.1997, 41.9179, 99.7366



55.8352, 41.9179, 15.4050



27.0125, 41.9179, 15.8117



27.2373, 41.9179, 101.1437

Rectangle

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



56.1997, 41.9179, 99.7366



63.6981, 41.9179, 40.2114



27.0125, 41.9179, 15.8117



22.8379, 41.9179, 51.5396

Sweetspot

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



56.2011, 41.9196, 99.7369



81.0748, 78.4279, 105.4727



47.1472, 48.0789, 101.4030



16.8887, 16.0806, 22.4637



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.



56.2011, 41.9196, 99.7369



50.7302, 34.4716, 98.5877



67.1439, 47.8233, 88.3903



18.1146, 17.9508, 22.7601



17.4159, 7.8887, 50.0393



1.8157, 0.8299, 4.8778

Inverse Universe

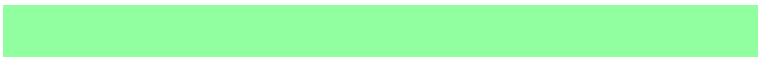
The Inverse Universe completely reimagines the original color for something new.



60.1233, 45.0150, 51.4201



55.5630, 38.2032, 42.7826



53.7542, 80.0667, 45.7281



18.2823, 18.0963, 20.1040



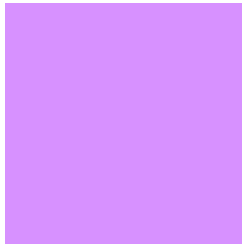
22.6399, 11.5453, 6.7544



2.2546, 1.1442, 0.9222

Previews

White Background



This preview shows how the XYZ color 56.1997, 41.9179, 99.7366 looks on a white background.

Color Contrast Check

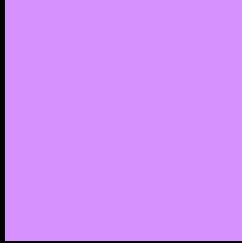
Large Text (above 18pt) WCAG AA × Fail

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 56.1997, 41.9179, 99.7366 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 56.1997, 41.9179, 99.7366

Background



This preview shows how black text looks on a background with the XYZ color 56.1997, 41.9179, 99.7366.



This preview shows how white text looks on a background with the XYZ color 56.1997, 41.9179,

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

56.1997, 41.9179, 99.7366

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.5094, 42.3365, 96.3210



Tritanopia

45.4637, 41.9860, 46.2654

Trichromacy



Original Color

56.1997, 41.9179, 99.7366



Protanomaly

47.5479, 41.6067, 100.1326



Deuteranomaly

47.0686, 41.4150, 97.6086

Tritanomaly

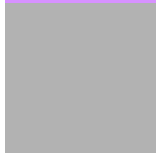
48.5197, 41.4020, 62.5609

Monochromacy



Original Color

56.1997, 41.9179, 99.7366



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.2627, 42.8050, 64.2164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1997, 41.9179, 99.7366 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(215, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 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(215, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.1997, 41.9179, 99.7366 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(215, 145, 255) }
```


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

```
.border{ border-color:rgb(215, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1997, 41.9179, 99.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 255) }
```

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

```
.background{ background-color: rgb(215,  
145, 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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