

Converting Colors

XYZ(65.8626, 45.2444,
151.3946)

Have a look what the booklet for
XYZ(65.8626, 45.2444, 151.3946)
contains.

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Color

**XYZ(56.1914, 41.4639,
99.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	D88FFF
RGB	216, 143, 255
RGB Percent	85%, 56%, 100%
CMY	0.1529, 0.4392, 0.0000
CMYK	0.15, 0.44, 0.00, 0.00
HSL	279°, 100%, 78%
HSV	279°, 44%, 100%
XYZ	56.1914, 41.4639, 99.6495
YIQ	177.5950, 7.5560, 50.3080

Conversions

Conversions Part 2

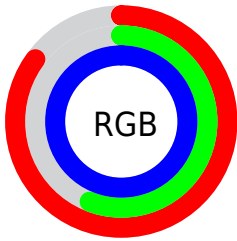
Format	Color
R _Y B	216, 143, 255
Decimal	14192639
CIE Lab	70.50, 46.80, -45.04
CIE LCh	70, 64.953, 316.097
Yxy	41.4639, 0.2848, 0.2102
Android (android.graphics.Color)	4292382719 (0xFFD88FFF)
YUV	177.5950, 38.1607, 33.6812
Hunter-Lab	64.3925, 43.0793, -46.6785

Details

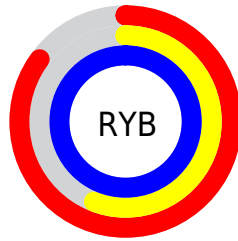
The XYZ color **56.1914, 41.4639, 99.6495** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.0101, 83.4486, 38.9327**, and the grayscale version is **41.9068, 44.0892, 48.0131**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **28.1473, 18.7605, 55.5637** is the 20% darker color. If you saturate the color by 10%, you get **50.2368, 33.3436, 98.3959**, and if you desaturate by 10%, it is **63.1604, 51.4004, 101.2001**.

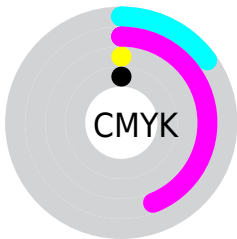
Distribution



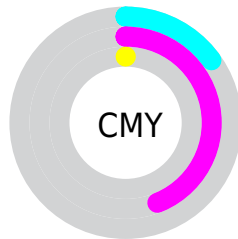
- Red (85%)
- Green (56%)
- Blue (100%)



- Red (85%)
- Yellow (56%)
- Blue (100%)



- Cyan (15%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1914, 41.4639, 99.6495 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 56.1914, 41.4639, 99.6495 by changing the saturation by 10% instead.


 56.1914, 41.4639,
99.6495


 56.1914, 41.4639,
99.6495


400.4757,
352.2558, 580.3054

 40.5940, 28.6817,
75.3926

 98.4226, 77.3876,
162.7231

 28.1883, 18.8402,
55.4309

 125.7870,
101.2980, 202.3769

 18.6088, 11.5549,
39.3459


157.8046,
129.6865, 248.0001

 11.4903, 6.4414,
26.7190

194.8405,
162.9376, 300.0111

 6.4673, 3.1153,
17.1317

237.2603,
201.4357, 358.8287

 3.1746, 1.1922,
10.1655

285.4292,

 1.2468, 0.0553,

245.5652, 424.8712

5.4018

339.7125,
295.7104, 498.5573

■ 0.1428, 0.0000,
2.4221

■ 0.0000, 0.0000,
0.7984

■ 56.1914, 41.4639,
99.6495

■ 56.1914, 41.4639,
99.6495

■ 50.2368, 33.3436,
98.3959

■ 63.1604, 51.4004,
101.2001

■ 45.2306, 26.9140,
97.4187

■ 71.1960, 63.2575,
103.0652

■ 41.1047, 22.0412,
96.6957

■ 80.3514, 77.1374,
105.2618

■ 37.7787, 18.5679,
96.2005

■ 90.6748, 93.1333,
107.8052

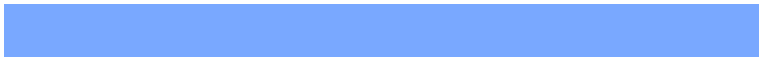
■ 35.1550, 16.3022, 95.0500, 100.0000,
95.9015 108.9000

■ 33.8194, 15.3494,
95.7880

Harmonies

Analogous

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



45.4013, 41.4639, 128.8469



56.1914, 41.4639, 99.6495



62.9755, 41.4639, 60.8558

Triad

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



56.1914, 41.4639, 99.6495



44.5693, 41.4639, 8.6832



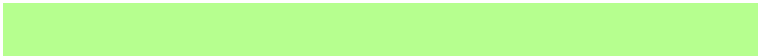
22.7482, 41.4639, 63.5570

Complementary

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



56.1914, 41.4639, 99.6495



60.0101, 83.4486, 38.9327

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.



22.6070, 41.4639, 32.4049



56.1914, 41.4639, 99.6495



33.9708, 41.4639, 8.8795

Square

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



56.1914, 41.4639, 99.6495



55.4879, 41.4639, 14.5873



26.3546, 41.4639, 15.3523



26.7833, 41.4639, 102.3815

Rectangle

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



56.1914, 41.4639, 99.6495



63.6433, 41.4639, 39.1672



26.3546, 41.4639, 15.3523



22.2725, 41.4639, 51.7067

Sweetspot

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



56.1928, 41.4656, 99.6497



81.2515, 78.5190, 105.4810



46.1480, 46.5991, 101.1700



16.9324, 16.1031, 22.4657



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.



56.1928, 41.4656, 99.6497



50.7440, 34.0181, 98.4994



66.5252, 47.0911, 86.6268



18.1427, 17.9653, 22.7614



17.8388, 8.1067, 50.0591



1.8549, 0.8502, 4.8796

Inverse Universe

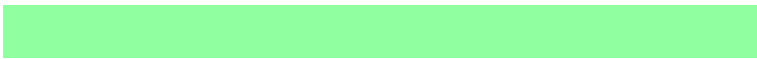
The Inverse Universe completely reimagines the original color for something new.



59.5068, 44.2837, 49.6683



54.9052, 37.4436, 40.8491



53.4165, 79.8912, 45.7730



18.2705, 18.0915, 20.0416



22.5498, 11.5092, 6.2796



2.2449, 1.1403, 0.8709

Previews

White Background



This preview shows how the XYZ color 56.1914, 41.4639, 99.6495 looks on a white background.

Color Contrast Check

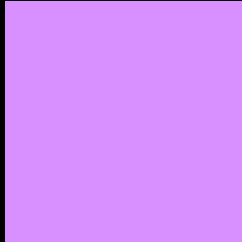
Large Text (above 18pt) WCAG AA × Fail

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 56.1914, 41.4639, 99.6495 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 56.1914, 41.4639, 99.6495

Background



This preview shows how black text looks on a background with the XYZ color 56.1914, 41.4639, 99.6495.



This preview shows how white text looks on a background with the XYZ color 56.1914, 41.4639,

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

56.1914, 41.4639, 99.6495

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.8171, 41.7162, 95.4179



Tritanopia

45.0135, 41.2422, 45.6325

Trichromacy



Original Color

56.1914, 41.4639, 99.6495



Protanomaly

47.1984, 40.9077, 100.0161



Deuteranomaly

46.5196, 40.8898, 96.7075

Tritanomaly

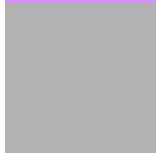
48.3475, 40.8329, 61.8333

Monochromacy



Original Color

56.1914, 41.4639, 99.6495



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.3339, 42.5730, 64.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1914, 41.4639, 99.6495 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(216, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 143, 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(216, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.1914, 41.4639, 99.6495 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(216, 143, 255) }
```


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

```
.border{ border-color:rgb(216, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1914, 41.4639, 99.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 143, 255) }
```

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

```
.background{ background-color: rgb(216,  
143, 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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