

Converting Colors

XYZ(56.6017, 41.0836, 96.2055)

Have a look what the booklet for
XYZ(56.6017, 41.0836, 96.2055)
contains.

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Color

**XYZ(56.6095, 41.0934,
96.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8CFB
RGB	221, 140, 251
RGB Percent	87%, 55%, 98%
CMY	0.1333, 0.4510, 0.0157
CMYK	0.12, 0.44, 0.00, 0.02
HSL	284°, 93%, 77%
HSV	284°, 44%, 98%
XYZ	56.6095, 41.0934, 96.2150
YIQ	176.8730, 12.6450, 51.6930

Conversions

Conversions Part 2

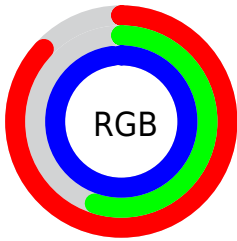
Format	Color
R _Y B	221, 140, 251
Decimal	14519547
CIE Lab	70.24, 48.95, -43.23
CIE LCh	70, 65.308, 318.552
Yxy	41.0934, 0.2919, 0.2119
Android (android.graphics.Color)	4292709627 (0xFFDD8CFB)
YUV	176.8730, 36.5446, 38.6994
Hunter-Lab	64.1041, 45.4487, -44.1165

Details

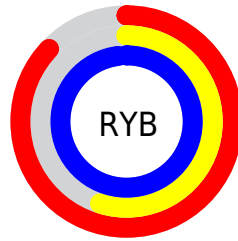
The XYZ color **56.6095, 41.0934, 96.2150** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **55.8097, 79.4349, 37.2037**, and the grayscale version is **41.5345, 43.6975, 47.5866**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **28.4556, 18.6039, 53.1301** is the 20% darker color. If you saturate the color by 10%, you get **51.3280, 33.5339, 95.0349**, and if you desaturate by 10%, it is **62.8138, 50.3722, 97.6796**.

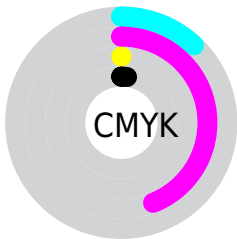
Distribution



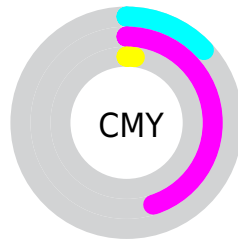
- Red (87%)
- Green (55%)
- Blue (98%)



- Red (87%)
- Yellow (55%)
- Blue (98%)



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)




- Cyan (13%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6095, 41.0934, 96.2150 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 56.6095, 41.0934, 96.2150 by changing the saturation by 10% instead.


 56.6095, 41.0934,
96.2150


 56.6095, 41.0934,
96.2150


402.0223,
350.7108, 569.1308


 40.9307, 28.3921,
72.5442

 99.0298, 76.8257,
157.9521

 28.4524, 18.6214,
53.1138

 126.5021,
100.6254, 196.8554

 18.8091, 11.3970,
37.5053


 158.6362,
128.8934, 241.6734

 11.6356, 6.3346,
25.3001

195.7976,
162.0140, 292.8244

 6.5665, 3.0496,
16.0797

238.3515,
200.3716, 350.7272

 3.2364, 1.1577,
9.4256

286.6634,

 1.2800, 0.0267,

244.3507, 415.8001

4.9192

341.0985,
294.3357, 488.4618

■ 0.1682, 0.0000,
2.1420

■ 0.0000, 0.0000,
0.6406

■ 56.6095, 41.0934,
96.2150

■ 56.6095, 41.0934,
96.2150

■ 51.3280, 33.5339,
95.0349

■ 62.8138, 50.3722,
97.6796

■ 46.9062, 27.5726,
94.1173

■ 69.9896, 61.4698,
99.4435

■ 43.2798, 23.0810,
93.4415

■ 78.1873, 74.4844,
101.5235

■ 40.3723, 19.9079,
92.9822

■ 87.4522, 89.5055,
103.9345

■ 38.0906, 17.8682,
92.7088

94.3836, 99.7301,
105.5428

■ 36.9801, 17.0524,
92.6099

94.4127, 99.7451,
105.5441

Harmonies

Analogous

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



45.9807, 41.0934, 127.1401



56.6095, 41.0934, 96.2150



62.9080, 41.0934, 57.4950

Triad

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



56.6095, 41.0934, 96.2150



43.2880, 41.0934, 8.2654



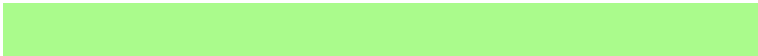
22.6120, 41.0934, 66.2450

Complementary

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



56.6095, 41.0934, 96.2150



55.8097, 79.4349, 37.2037

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.



22.1565, 41.0934, 34.0326



56.6095, 41.0934, 96.2150



32.8676, 41.0934, 8.8940

Square

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



56.6095, 41.0934, 96.2150



54.3308, 41.0934, 13.5045



25.5705, 41.0934, 15.9646



26.9547, 41.0934, 105.0800

Rectangle

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



56.6095, 41.0934, 96.2150



63.1565, 41.0934, 36.5366



25.5705, 41.0934, 15.9646



22.0329, 41.0934, 54.0961

Sweetspot

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



56.6110, 41.0951, 96.2159



82.1518, 78.9831, 105.5231



42.8775, 41.8384, 97.0832



17.1557, 16.2182, 22.4762



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.



56.6110, 41.0951, 96.2159



53.8037, 35.5954, 98.6426



63.0212, 44.8103, 77.9657



17.5087, 17.2749, 21.7969



19.5845, 9.0389, 48.6860



1.9150, 0.8893, 4.5139

Inverse Universe

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



56.4187, 42.1693, 43.1977



53.9711, 37.0700, 35.9306



52.0192, 77.2530, 47.3171



17.4373, 17.3023, 18.8924



21.5094, 11.0195, 4.1252



2.0344, 1.0375, 0.6047

Previews

White Background



This preview shows how the XYZ color 56.6095, 41.0934, 96.2150 looks on a white background.

Color Contrast Check

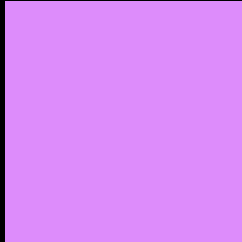
Large Text (above 18pt) WCAG AA × Fail

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 56.6095, 41.0934, 96.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

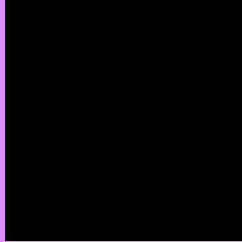
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6095, 41.0934, 96.2150

Background



This preview shows how black text looks on a background with the XYZ color 56.6095, 41.0934, 96.2150.



This preview shows how white text looks on a background with the XYZ color 56.6095, 41.0934,

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

56.6095, 41.0934, 96.2150

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.3578, 41.2713, 92.1199



Tritanopia

45.7771, 40.9113, 43.5142

Trichromacy



Original Color

56.6095, 41.0934, 96.2150



Protanomaly

46.9108, 40.2674, 99.0658



Deuteranomaly

46.1999, 40.2823, 93.3360



Tritanomaly

48.8160, 40.4029, 59.2585

Monochromacy



Original Color

56.6095, 41.0934, 96.2150



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.1669, 42.2480, 62.8482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6095, 41.0934, 96.2150 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(221, 140, 251)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 251)  
}
```

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(221, 140, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 251) }
```

Border

The CSS property to change the border of an element to XYZ 56.6095, 41.0934, 96.2150 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(221, 140, 251) }
```


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

```
.border{ border-color:rgb(221, 140, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 140, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 251);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6095, 41.0934, 96.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 251) }
```

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

```
.background{ background-color: rgb(221,  
140, 251) }
```

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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