

Converting Colors

XYZ(56.1481, 43.3170,
100.0094)

Have a look what the booklet for
XYZ(56.1481, 43.3170, 100.0094)
contains.

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Color

**XYZ(56.2680, 43.3503,
100.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	D497FF
RGB	212, 151, 255
RGB Percent	83%, 59%, 100%
CMY	0.1686, 0.4078, 0.0000
CMYK	0.17, 0.41, 0.00, 0.00
HSL	275°, 100%, 80%
HSV	275°, 41%, 100%
XYZ	56.2680, 43.3503, 100.0095
YIQ	181.0950, 2.9720, 45.2760

Conversions

Conversions Part 2

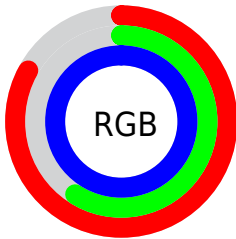
Format	Color
R_{YB}	212, 151, 255
Decimal	13932543
CIE _{Lab}	71.79, 41.42, -43.05
CIE _{LCh}	72, 59.738, 313.897
Yxy	43.3503, 0.2819, 0.2172
Android (android.graphics.Color)	4292122623 (0xFFD497FF)
YUV	181.0950, 36.4352, 27.1037
Hunter-Lab	65.8409, 37.3253, -43.9702

Details

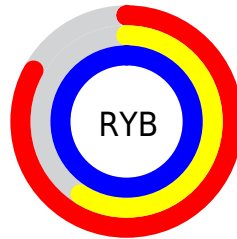
The XYZ color **56.2680, 43.3503, 100.0095** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.5948, 85.2241, 42.3781**, and the grayscale version is **43.7818, 46.0619, 50.1614**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **28.3652, 20.0688, 55.8047** is the 20% darker color. If you saturate the color by 10%, you get **49.6587, 34.4965, 98.6489**, and if you desaturate by 10%, it is **63.9660, 54.0847, 101.6758**.

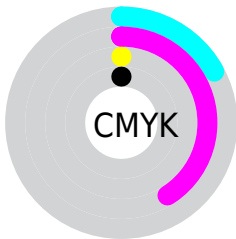
Distribution



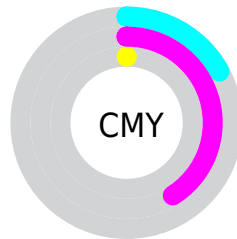
- Red (83%)
- Green (59%)
- Blue (100%)



- Red (83%)
- Yellow (59%)
- Blue (100%)



- Cyan (17%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2680, 43.3503, 100.0095 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 56.2680, 43.3503, 100.0095 by changing the saturation by 10% instead.


 56.2680, 43.3503,
100.0095


 56.2680, 43.3503,
100.0095


400.7594,
360.0504, 581.4701

 40.6557, 30.1601,
75.6915


 98.5339, 80.2392,
163.2222

 28.2366, 19.9601,
55.6745

 125.9181,
104.7067, 202.9541

 18.6455, 12.3661,
39.5397


157.9570,
133.7020, 248.6610

 11.5169, 6.9935,
26.8688

195.0160,
167.6096, 300.7615

 6.4855, 3.4580,
17.2432

237.4604,
206.8138, 359.6741

 3.1859, 1.3753,
10.2442

285.6555,

 1.2528, 0.1984,

251.6991, 425.8174

5.4535

339.9667,
302.6498, 499.6098

■ 0.1475, 0.0000,
2.4524

■ 0.0000, 0.0000,
0.8147

■ 56.2680, 43.3503,
100.0095

■ 56.2680, 43.3503,
100.0095

■ 49.6587, 34.4965,
98.6489

■ 63.9660, 54.0847,
101.6758

■ 44.0724, 27.4007,
97.5737

■ 72.8048, 66.8016,
103.6645

■ 39.4420, 21.9333,
96.7625

■ 82.8378, 81.6017,
105.9924

■ 35.6894, 17.9441,
96.1903

■ 94.1137, 98.5771,
108.6747

■ 32.7216, 15.2533,
95.8273

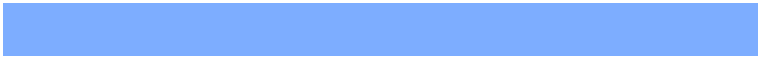
95.0500, 100.0000,
108.9000

■ 30.5485, 13.6632,
95.6349

Harmonies

Analogous

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



46.0697, 43.3503, 124.8880



56.2680, 43.3503, 100.0095



62.9382, 43.3503, 64.4607

Triad

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



56.2680, 43.3503, 100.0095



46.8561, 43.3503, 11.2943



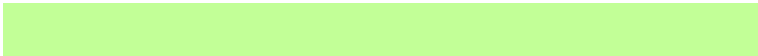
25.0153, 43.3503, 61.9356

Complementary

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



56.2680, 43.3503, 100.0095



63.5948, 85.2241, 42.3781

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.



25.1551, 43.3503, 33.3352



56.2680, 43.3503, 100.0095



36.6920, 43.3503, 11.0810

Square

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



56.2680, 43.3503, 100.0095



56.9246, 43.3503, 18.0886



29.1002, 43.3503, 17.2975



28.6808, 43.3503, 97.5200

Rectangle

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



56.2680, 43.3503, 100.0095



63.8988, 43.3503, 43.5042



29.1002, 43.3503, 17.2975



24.6401, 43.3503, 51.1017

Sweetspot

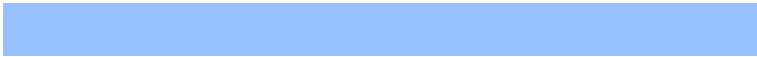
The Sweet Spot groups the original color and five complimentary colors.



56.2694, 43.3520, 100.0098



81.5509, 79.6855, 105.6904



50.1799, 52.5330, 102.1029



17.1640, 16.6235, 22.5540



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.



56.2694, 43.3520, 100.0098



50.7603, 35.9427, 98.8700



68.9931, 50.0689, 93.4855



18.0241, 17.9042, 22.7558



16.1361, 7.2290, 49.9794



1.6954, 0.7679, 4.8721

Inverse Universe

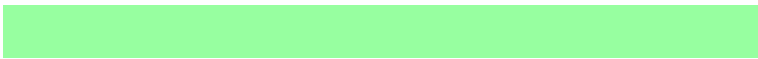
The Inverse Universe completely reimagines the original color for something new.



62.0451, 47.2897, 56.8977



57.6429, 40.6040, 48.8988



54.8397, 80.6263, 45.7789



18.3208, 18.1116, 20.3064



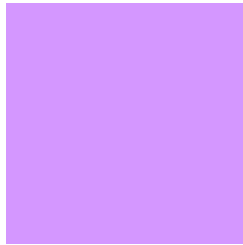
22.9627, 11.6744, 8.4542



2.2886, 1.1578, 1.1012

Previews

White Background



This preview shows how the XYZ color 56.2680, 43.3503, 100.0095 looks on a white background.

Color Contrast Check

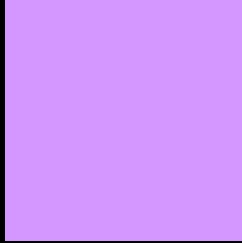
Large Text (above 18pt) WCAG AA × Fail

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 56.2680, 43.3503, 100.0095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

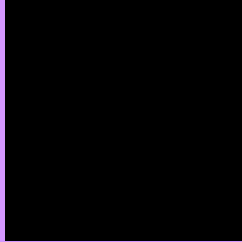
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2680, 43.3503, 100.0095

Background



This preview shows how black text looks on a background with the XYZ color 56.2680, 43.3503, 100.0095.



This preview shows how white text looks on a background with the XYZ color 56.2680, 43.3503,

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

56.2680, 43.3503, 100.0095

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

44.7858, 43.5638, 96.4907



Tritanopia

45.8764, 43.2121, 49.1028

Trichromacy



Original Color

56.2680, 43.3503, 100.0095



Protanomaly

48.6995, 43.2631, 100.3916



Deuteranomaly

48.2202, 43.0714, 97.8676

Tritanomaly

48.9092, 42.8321, 64.7211

Monochromacy



Original Color

56.2680, 43.3503, 100.0095



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.4981, 44.5100, 65.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2680, 43.3503, 100.0095 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(212, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 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(212, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2680, 43.3503, 100.0095 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(212, 151, 255) }
```


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

```
.border{ border-color:rgb(212, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2680, 43.3503, 100.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 255) }
```

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

```
.background{ background-color: rgb(212,  
151, 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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