

Converting Colors

XYZ(55.8016, 43.5917,
100.0807)

Have a look what the booklet for
XYZ(55.8016, 43.5917, 100.0807)
contains.

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Color

**XYZ(55.7357, 43.5578,
100.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	D199FF
RGB	209, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1804, 0.4000, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.7357, 43.5578, 100.0776
YIQ	181.3720, 0.6340, 43.5940

Conversions

Conversions Part 2

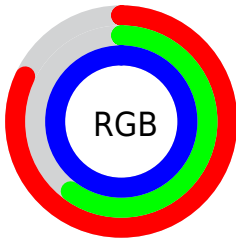
Format	Color
R _Y B	209, 153, 255
Decimal	13736447
CIE Lab	71.93, 39.49, -42.85
CIE LCh	72, 58.271, 312.663
Yxy	43.5578, 0.2796, 0.2185
Android (android.graphics.Color)	4291926527 (0xFFD199FF)
YUV	181.3720, 36.2986, 24.2298
Hunter-Lab	65.9983, 35.2465, -43.7065

Details

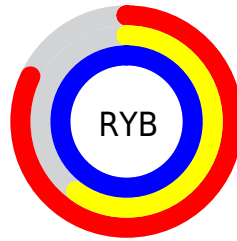
The XYZ color **55.7357, 43.5578, 100.0776** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.0638, 85.9624, 43.3020**, and the grayscale version is **43.9330, 46.2209, 50.3346**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **27.9836, 20.1569, 55.8419** is the 20% darker color. If you saturate the color by 10%, you get **48.8625, 34.4676, 98.6853**, and if you desaturate by 10%, it is **63.7384, 54.5560, 101.7787**.

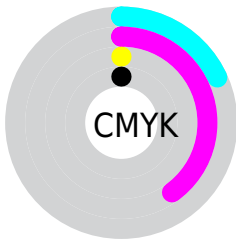
Distribution



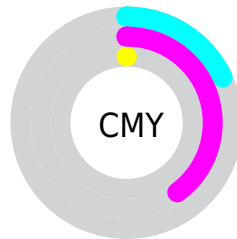
- Red (82%)
- Green (60%)
- Blue (100%)



- Red (82%)
- Yellow (60%)
- Blue (100%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7357, 43.5578, 100.0776 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 55.7357, 43.5578, 100.0776 by changing the saturation by 10% instead.


 55.7357, 43.5578,
100.0776


 55.7357, 43.5578,
100.0776


398.7859,
360.9007, 581.6902

 40.2272, 30.3230,
75.7481

 97.7601, 80.5519,
163.3166

 27.9008, 20.0839,
55.7206


 125.0067,
105.0801, 203.0632

 18.3909, 12.4560,
39.5764


156.8968,
134.1414, 248.7860

 11.3324, 7.0551,
26.8972

193.7956,
168.1204, 300.9033

 6.3598, 3.4966,
17.2643

236.0686,
207.4015, 359.8339

 3.1078, 1.3961,
10.2591

284.0811,

 1.2110, 0.2139,

252.3689, 425.9962

5.4633

338.1984,
303.4072, 499.8088

■ 0.1150, 0.0000,
2.4581

■ 0.0000, 0.0000,
0.8178

■ 55.7357, 43.5578,
100.0776

■ 55.7357, 43.5578,
100.0776

■ 48.8625, 34.4676,
98.6853

■ 63.7384, 54.5560,
101.7787

■ 43.0521, 27.1630,
97.5816

■ 72.9233, 67.5639,
103.8054

■ 38.2371, 21.5152,
96.7453

■ 83.3447, 82.6822,
106.1743

■ 34.3389, 17.3749,
96.1516

95.0500, 100.0000,
108.9000

■ 31.2646, 14.5646,
95.7712

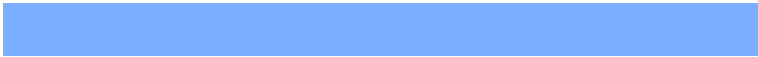
■ 28.8658, 12.7958,
95.5562

■ 28.8654, 12.7956,
95.5562

Harmonies

Analogous

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



45.7289, 43.5578, 123.2933



55.7357, 43.5578, 100.0776



62.4336, 43.5578, 65.6610

Triad

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



55.7357, 43.5578, 100.0776



47.3552, 43.5578, 12.0354



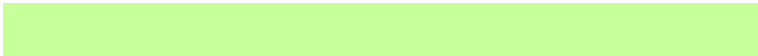
25.4248, 43.5578, 60.4534

Complementary

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



55.7357, 43.5578, 100.0776



65.0638, 85.9624, 43.3020

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.



25.7172, 43.5578, 32.9260



55.7357, 43.5578, 100.0776



37.3540, 43.5578, 11.5786

Square

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



55.7357, 43.5578, 100.0776



57.0892, 43.5578, 19.1820



29.7615, 43.5578, 17.5083



28.8865, 43.5578, 94.9781

Rectangle

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



55.7357, 43.5578, 100.0776



63.5540, 43.5578, 44.9315



29.7615, 43.5578, 17.5083



25.1055, 43.5578, 50.0133

Sweetspot

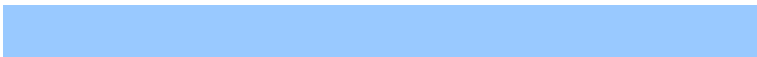
The Sweet Spot groups the original color and five complimentary colors.



55.7371, 43.5595, 100.0779



81.1573, 79.4826, 105.6720



51.9817, 55.5808, 102.5962



17.0714, 16.5757, 22.5496



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.



55.7371, 43.5595, 100.0779



50.1491, 36.1377, 98.9399



70.1393, 51.0468, 97.9199



17.9564, 17.8693, 22.7527



15.2573, 6.7759, 49.9383



1.6115, 0.7247, 4.8682

Inverse Universe

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



62.9409, 48.1675, 60.0138



58.6283, 41.5479, 52.3931



54.9327, 80.7067, 44.3149



18.3499, 18.1233, 20.4598



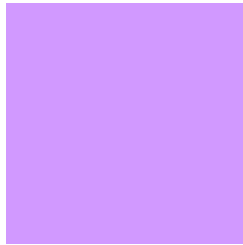
23.2386, 11.7847, 9.9067



2.3168, 1.1691, 1.2498

Previews

White Background



This preview shows how the XYZ color 55.7357, 43.5578, 100.0776 looks on a white background.

Color Contrast Check

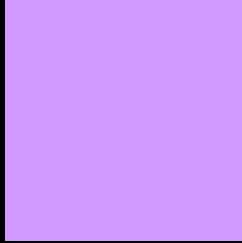
Large Text (above 18pt) WCAG AA × Fail

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 55.7357, 43.5578, 100.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

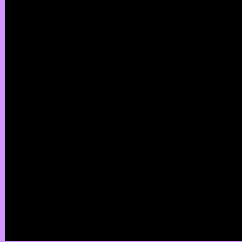
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7357, 43.5578, 100.0776

Background



This preview shows how black text looks on a background with the XYZ color 55.7357, 43.5578, 100.0776.



This preview shows how white text looks on a background with the XYZ color 55.7357, 43.5578,

100.0776.

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

55.7357, 43.5578, 100.0776

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

45.1370, 44.0145, 97.3835



Tritanopia

45.6574, 43.6236, 50.2698

Trichromacy



Original Color

55.7357, 43.5578, 100.0776



Protanomaly

48.4808, 43.1504, 100.3814



Deuteranomaly

48.1840, 43.3236, 97.9182

Tritanomaly

48.6932, 43.2153, 66.0966

Monochromacy



Original Color

55.7357, 43.5578, 100.0776



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.4339, 44.7563, 65.8133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7357, 43.5578, 100.0776 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(209, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 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(209, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7357, 43.5578, 100.0776 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(209, 153, 255) }
```


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

```
.border{ border-color:rgb(209, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7357, 43.5578, 100.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 255) }
```

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

```
.background{ background-color: rgb(209,  
153, 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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