

Converting Colors

XYZ(55.5582, 43.4663,
100.0693)

Have a look what the booklet for
XYZ(55.5582, 43.4663, 100.0693)
contains.

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Color

**XYZ(55.4537, 43.4124,
100.0644)**

Conversions

Conversions Part 1

Format	Color
Hex	D099FF
RGB	208, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1843, 0.4000, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	272°, 100%, 80%
HSV	272°, 40%, 100%
XYZ	55.4537, 43.4124, 100.0644
YIQ	181.0730, 0.0380, 43.3820

Conversions

Conversions Part 2

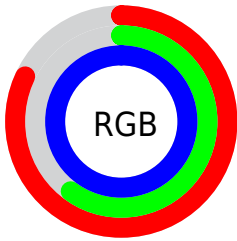
Format	Color
R_{YB}	208, 153, 255
Decimal	13670911
CIE _{Lab}	71.83, 39.20, -43.01
CIE _{LCh}	72, 58.196, 312.350
Yxy	43.4124, 0.2788, 0.2182
Android (android.graphics.Color)	4291860991 (0xFFD099FF)
YUV	181.0730, 36.4460, 23.6150
Hunter-Lab	65.8881, 34.9276, -43.9222

Details

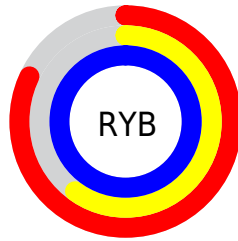
The XYZ color **55.4537, 43.4124, 100.0644** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.3299, 86.0996, 43.3144**, and the grayscale version is **43.7710, 46.0505, 50.1490**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **27.7956, 20.0600, 55.8331** is the 20% darker color. If you saturate the color by 10%, you get **48.5355, 34.2990, 98.6700**, and if you desaturate by 10%, it is **63.5112, 54.4388, 101.7681**.

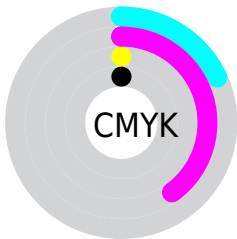
Distribution



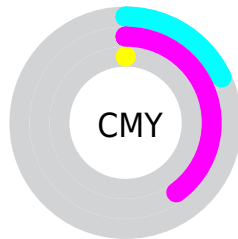
- Red (82%)
- Green (60%)
- Blue (100%)



- 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 55.4537, 43.4124, 100.0644 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 55.4537, 43.4124, 100.0644 by changing the saturation by 10% instead.


 55.4537, 43.4124,
100.0644


 55.4537, 43.4124,
100.0644


397.7379,
360.3050, 581.6476

 40.0004, 30.2088,
75.7371

 97.3498, 80.3328,
163.2983

 27.7230, 19.9971,
55.7116


 124.5233,
104.8184, 203.0421

 18.2564, 12.3930,
39.5693

156.3343,
133.8336, 248.7617

 11.2350, 7.0119,
26.8917

193.1480,
167.7625, 300.8758

 6.2936, 3.4695,
17.2602

235.3299,
206.9898, 359.8029

 3.0668, 1.3815,
10.2562

283.2453,

 1.1892, 0.2030,

251.8997, 425.9616

5.4614

337.2595,
302.8766, 499.7703

■ 0.0978, 0.0000,
2.4570

■ 0.0000, 0.0000,
0.8172

■ 55.4537, 43.4124,
100.0644

■ 55.4537, 43.4124,
100.0644

■ 48.5355, 34.2990,
98.6700

■ 63.5112, 54.4388,
101.7681

■ 42.6897, 26.9762,
97.5647

■ 72.7612, 67.4803,
103.7978

■ 37.8484, 21.3148,
96.7271

■ 83.2582, 82.6376,
106.1702

■ 33.9327, 17.1655,
96.1326

95.0500, 100.0000,
108.9000

■ 30.8493, 14.3505,
95.7517

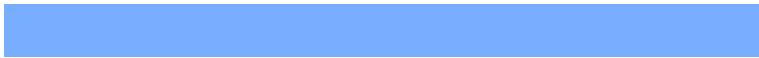
■ 28.4494, 12.5812,
95.5367

■ 28.4491, 12.5809,
95.5367

Harmonies

Analogous

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



45.4671, 43.4124, 122.9875



55.4537, 43.4124, 100.0644



62.1802, 43.4124, 65.7921

Triad

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



55.4537, 43.4124, 100.0644



47.3047, 43.4124, 12.0345



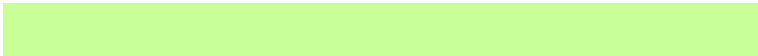
25.3258, 43.4124, 59.9082

Complementary

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



55.4537, 43.4124, 100.0644



65.3299, 86.0996, 43.3144

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.



25.6562, 43.4124, 32.5959



55.4537, 43.4124, 100.0644



37.3248, 43.4124, 11.5181

Square

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



55.4537, 43.4124, 100.0644



56.9829, 43.4124, 19.2415



29.7254, 43.4124, 17.3498



28.7366, 43.4124, 94.3033

Rectangle

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



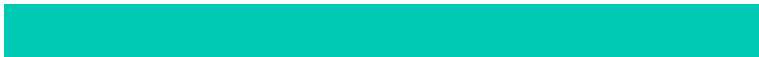
55.4537, 43.4124, 100.0644



63.3438, 43.4124, 45.0696



29.7254, 43.4124, 17.3498



25.0206, 43.4124, 49.5383

Sweetspot

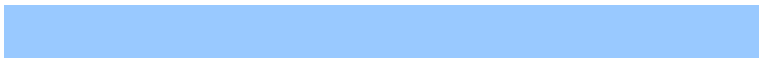
The Sweet Spot groups the original color and five complimentary colors.



55.4551, 43.4141, 100.0647



81.0549, 79.4298, 105.6672



51.9817, 55.5808, 102.5962



17.0473, 16.5633, 22.5485



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.



55.4551, 43.4141, 100.0647



49.8303, 35.9733, 98.9249



70.1393, 51.0468, 97.9198



17.9388, 17.8602, 22.7518



15.0396, 6.6637, 49.9281



1.5904, 0.7138, 4.8672

Inverse Universe

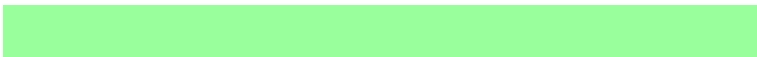
The Inverse Universe completely reimagines the original color for something new.



63.0574, 48.2140, 60.6271



58.7581, 41.5998, 53.0762



54.9327, 80.7067, 44.3148



18.3575, 18.1263, 20.5000



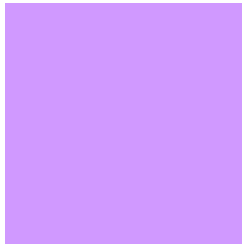
23.3154, 11.8154, 10.3111



2.3246, 1.1722, 1.2906

Previews

White Background



This preview shows how the XYZ color 55.4537, 43.4124, 100.0644 looks on a white background.

Color Contrast Check

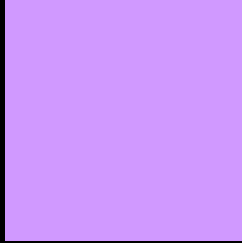
Large Text (above 18pt) WCAG AA × Fail

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 55.4537, 43.4124, 100.0644 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 55.4537, 43.4124, 100.0644

Background



This preview shows how black text looks on a background with the XYZ color 55.4537, 43.4124, 100.0644.



This preview shows how white text looks on a background with the XYZ color 55.4537, 43.4124,

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

55.4537, 43.4124, 100.0644

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

44.7614, 43.5330, 97.3103



Tritanopia

45.3964, 43.4891, 50.2576

Trichromacy



Original Color

55.4537, 43.4124, 100.0644



Protanomaly

48.2638, 43.0385, 100.3712



Deuteranomaly

47.7845, 42.8468, 97.8472

Tritanomaly

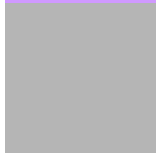
48.4252, 43.0772, 66.0840

Monochromacy



Original Color

55.4537, 43.4124, 100.0644



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 55.4537, 43.4124, 100.0644 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(208, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4537, 43.4124, 100.0644 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(208, 153, 255) }
```


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

```
.border{ border-color:rgb(208, 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(208, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4537, 43.4124, 100.0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 153, 255) }
```

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

```
.background{ background-color: rgb(208,  
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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