

Converting Colors

XYZ(57.7499, 44.5193,
110.1328)

Have a look what the booklet for
XYZ(57.7499, 44.5193, 110.1328)
contains.

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Color

**XYZ(55.9001, 43.8865,
100.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	D19AFF
RGB	209, 154, 255
RGB Percent	82%, 60%, 100%
CMY	0.1804, 0.3961, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.9001, 43.8865, 100.1324
YIQ	181.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

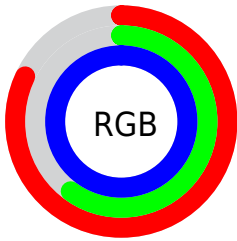
Format	Color
R _Y B	209, 154, 255
Decimal	13736703
CIE Lab	72.15, 38.95, -42.50
CIE LCh	72, 57.651, 312.501
Yxy	43.8865, 0.2796, 0.2195
Android (android.graphics.Color)	4291926783 (0xFFD19AFF)
YUV	181.9590, 36.0092, 23.7150
Hunter-Lab	66.2469, 34.6889, -43.2442

Details

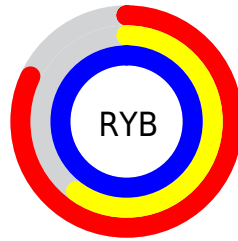
The XYZ color **55.9001, 43.8865, 100.1324** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.4129, 86.1328, 43.7513**, and the grayscale version is **44.2526, 46.5571, 50.7007**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **28.0813, 20.3523, 55.8744** is the 20% darker color. If you saturate the color by 10%, you get **48.9630, 34.7131, 98.7274**, and if you desaturate by 10%, it is **63.9734, 54.9746, 101.8471**.

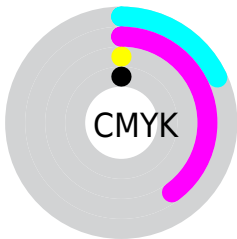
Distribution



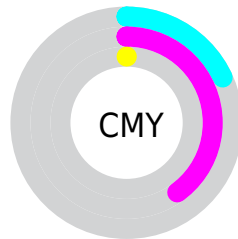
- Red (82%)
- Green (60%)
- Blue (100%)



- 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 55.9001, 43.8865, 100.1324 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 55.9001, 43.8865, 100.1324 by changing the saturation by 10% instead.

 55.9001, 43.8865,
100.1324


 55.9001, 43.8865,
100.1324


399.3960,
362.2449, 581.8674

 40.3595, 30.5813,
75.7936

 97.9992, 81.0469,
163.3926

 28.0044, 20.2802,
55.7576


 125.2883,
105.6709, 203.1511

 18.4695, 12.5989,
39.6060


157.2244,
134.8367, 248.8865

 11.3893, 7.1529,
26.9200

194.1728,
168.9285, 301.0175

 6.3985, 3.5579,
17.2812

236.4988,
208.3309, 359.9625

 3.1318, 1.4295,
10.2711

284.5678,

 1.2239, 0.2383,

253.4281, 426.1402

5.4712

338.7451,
304.6047, 499.9689

■ 0.1251, 0.0000,
2.4627

■ 0.0000, 0.0000,
0.8203

■ 55.9001, 43.8865,
100.1324

■ 55.9001, 43.8865,
100.1324

■ 48.9630, 34.7131,
98.7274

■ 63.9734, 54.9746,
101.8471

■ 43.0958, 27.3323,
97.6120

■ 73.2357, 68.0789,
103.8883

■ 38.2309, 21.6158,
96.7650

■ 83.7413, 83.2997,
106.2726

■ 34.2901, 17.4153,
96.1619

95.0500, 100.0000,
108.9000

■ 31.1810, 14.5544,
95.7736

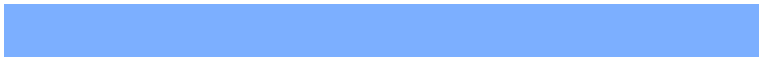
■ 28.7620, 12.7584,
95.5544

■ 28.6747, 12.6972,
95.5472

Harmonies

Analogous

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



45.9589, 43.8865, 122.9595



55.9001, 43.8865, 100.1324



62.5677, 43.8865, 66.0718

Triad

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



55.9001, 43.8865, 100.1324



47.6865, 43.8865, 12.4233



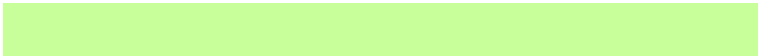
25.7863, 43.8865, 60.5475

Complementary

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



55.9001, 43.8865, 100.1324



65.4129, 86.1328, 43.7513

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.



26.0986, 43.8865, 33.2280



55.9001, 43.8865, 100.1324



37.7366, 43.8865, 11.9300

Square

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



55.9001, 43.8865, 100.1324



57.3356, 43.8865, 19.6582



30.1553, 43.8865, 17.8609



29.2219, 43.8865, 94.7405

Rectangle

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



55.9001, 43.8865, 100.1324



63.7022, 43.8865, 45.4516



30.1553, 43.8865, 17.8609



25.4741, 43.8865, 50.1968

Sweetspot

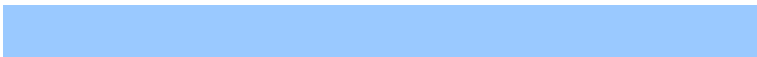
The Sweet Spot groups the original color and five complimentary colors.



55.9015, 43.8882, 100.1327



81.1106, 79.4585, 105.6698



52.2954, 55.9269, 102.6465



17.0604, 16.5701, 22.5491



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.



55.9015, 43.8882, 100.1327



50.0036, 36.0627, 98.9331



70.3089, 51.3776, 98.0024



17.9484, 17.8651, 22.7523



15.1576, 6.7245, 49.9336



1.6018, 0.7197, 4.8678

Inverse Universe

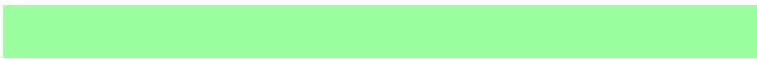
The Inverse Universe completely reimagines the original color for something new.



63.2218, 48.5427, 60.6819



58.6873, 41.5715, 52.7034



55.2047, 80.8374, 44.7580



18.3534, 18.1247, 20.4781



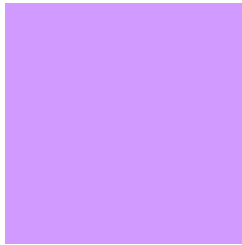
23.2733, 11.7986, 10.0895



2.3203, 1.1705, 1.2682

Previews

White Background



This preview shows how the XYZ color 55.9001, 43.8865, 100.1324 looks on a white background.

Color Contrast Check

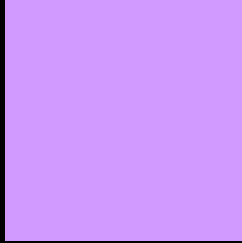
Large Text (above 18pt) WCAG AA × Fail

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 55.9001, 43.8865, 100.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

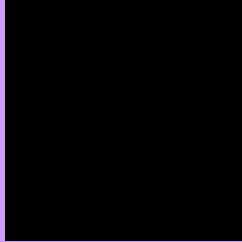
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9001, 43.8865, 100.1324

Background



This preview shows how black text looks on a background with the XYZ color 55.9001, 43.8865, 100.1324.



This preview shows how white text looks on a background with the XYZ color 55.9001, 43.8865,

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

55.9001, 43.8865, 100.1324

Protanopia

45.9576, 44.3640, 100.7486

Deuteranopia

45.3202, 44.1090, 97.3920



Tritanopia

45.7612, 43.6651, 50.8161

Trichromacy



Original Color

55.9001, 43.8865, 100.1324



Protanomaly

48.6633, 43.5154, 100.4422



Deuteranomaly

48.1840, 43.3236, 97.9182



Tritanomaly

48.8715, 43.5719, 66.1560

Monochromacy



Original Color

55.9001, 43.8865, 100.1324



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.9994, 45.3150, 66.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9001, 43.8865, 100.1324 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 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, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9001, 43.8865, 100.1324 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, 154, 255) }
```


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

```
.border{ border-color:rgb(209, 154, 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, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9001, 43.8865, 100.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 255) }
```

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

```
.background{ background-color: rgb(209,  
154, 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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