

Converting Colors

XYZ(55.7958, 44.7690,
100.3083)

Have a look what the booklet for
XYZ(55.7958, 44.7690, 100.3083)
contains.

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Color

**XYZ(55.7305, 44.7955,
100.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9EFF
RGB	206, 158, 255
RGB Percent	81%, 62%, 100%
CMY	0.1921, 0.3804, 0.0000
CMYK	0.19, 0.38, 0.00, 0.00
HSL	270°, 100%, 81%
HSV	270°, 38%, 100%
XYZ	55.7305, 44.7955, 100.3168
YIQ	183.4100, -2.5290, 40.3430

Conversions

Conversions Part 2

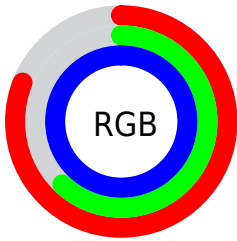
Format	Color
R _Y B	206, 158, 255
Decimal	13541119
CIE Lab	72.76, 35.92, -41.58
CIE LCh	73, 54.948, 310.821
Yxy	44.7955, 0.2775, 0.2230
Android (android.graphics.Color)	4291731199 (0xFFCE9EFF)
YUV	183.4100, 35.2939, 19.8114
Hunter-Lab	66.9294, 31.5060, -42.0159

Details

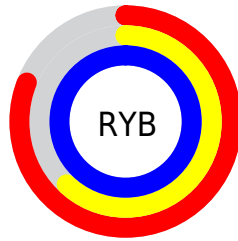
The XYZ color **55.7305, 44.7955, 100.3168** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.6642, 87.2543, 45.6250**, and the grayscale version is **45.0493, 47.3954, 51.6135**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.9248, 20.8693, 55.9825** is the 20% darker color. If you saturate the color by 10%, you get **48.3931, 35.2130, 98.8539**, and if you desaturate by 10%, it is **64.2662, 56.3373, 102.0947**.

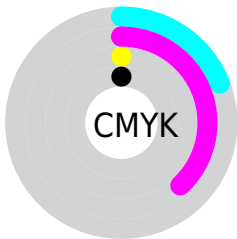
Distribution



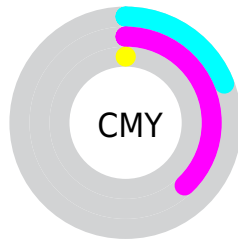
- Red (81%)
- Green (62%)
- Blue (100%)



- Red (81%)
- Yellow (62%)
- Blue (100%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7305, 44.7955, 100.3168 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 55.7305, 44.7955, 100.3168 by changing the saturation by 10% instead.

55.7305, 44.7955,
100.3168

55.7305, 44.7955,
100.3168

398.7666,
365.9447, 582.4632

40.2230, 31.2964,
75.9468

97.7525, 82.4135,
163.6481

27.8975, 20.8246,
55.8825

124.9978,
107.3011, 203.4465

18.3884, 12.9959,
39.7053

156.8864,
136.7537, 249.2248

11.3306, 7.4257,
26.9968

193.7837,
171.1556, 301.4015

6.3586, 3.7297,
17.3384

236.0550,
210.8913, 360.3952

3.1070, 1.5236,
10.3116

284.0657,

1.2106, 0.3052,

256.3451, 426.6243

5.4977

338.1811,
307.9014, 500.5075

■ 0.1147, 0.0000,
2.4784

■ 0.0000, 0.0000,
0.8287

■ 55.7305, 44.7955,
100.3168

■ 55.7305, 44.7955,
100.3168

■ 48.3931, 35.2130,
98.8539

■ 64.2662, 56.3373,
102.0947

■ 42.1866, 27.4684,
97.6862

■ 74.0540, 69.9394,
104.2043

■ 37.0424, 21.4347,
96.7927

■ 85.1494, 85.7019,
106.6620

■ 32.8820, 16.9658,
96.1494

95.0500, 100.0000,
108.9000

■ 29.6135, 13.8895,
95.7279

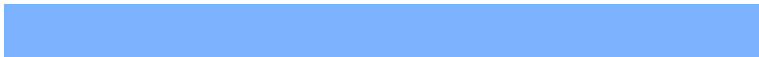
■ 27.1145, 11.9735,
95.4898

■ 26.6820, 11.6700,
95.4540

Harmonies

Analogous

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



46.1148, 44.7955, 120.7207



55.7305, 44.7955, 100.3168



62.3609, 44.7955, 68.1509

Triad

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



55.7305, 44.7955, 100.3168



48.8924, 44.7955, 14.0775



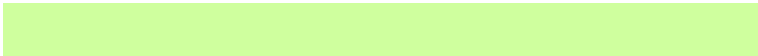
26.9800, 44.7955, 59.3189

Complementary

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



55.7305, 44.7955, 100.3168



67.6642, 87.2543, 45.6250

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.



27.4937, 44.7955, 33.4704



55.7305, 44.7955, 100.3168



39.2245, 44.7955, 13.2296

Square

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



55.7305, 44.7955, 100.3168



58.0234, 44.7955, 21.8600



31.6750, 44.7955, 18.8400



30.1481, 44.7955, 91.8128

Rectangle

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



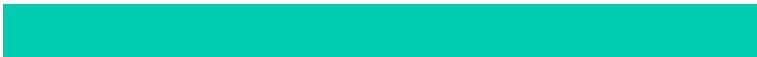
55.7305, 44.7955, 100.3168



63.6809, 44.7955, 48.0254



31.6750, 44.7955, 18.8400



26.7414, 44.7955, 49.5317

Sweetspot

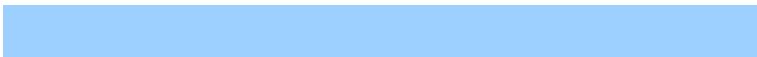
The Sweet Spot groups the original color and five complimentary colors.



55.7319, 44.7973, 100.3171



81.7233, 80.8018, 105.8968



54.7361, 59.6591, 103.2382



17.1649, 16.8288, 22.5936



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.



55.7319, 44.7973, 100.3171



49.7946, 37.0128, 99.1275



70.9253, 52.6297, 101.0281



17.8592, 17.8191, 22.7481



14.1136, 6.1863, 49.8848



1.5000, 0.6672, 4.8630

Inverse Universe

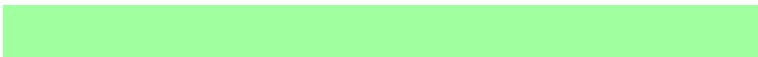
The Inverse Universe completely reimagines the original color for something new.



64.7301, 50.2201, 65.3138



60.3582, 43.3801, 57.9873



56.3533, 81.4233, 45.0956



18.3922, 18.1402, 20.6825



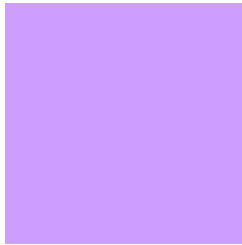
23.6883, 11.9646, 12.2747



2.3616, 1.1870, 1.4857

Previews

White Background



This preview shows how the XYZ color 55.7305, 44.7955, 100.3168 looks on a white background.

Color Contrast Check

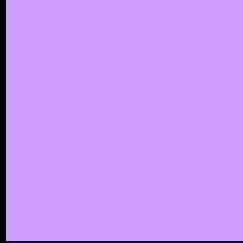
Large Text (above 18pt) WCAG AA × Fail

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 55.7305, 44.7955, 100.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

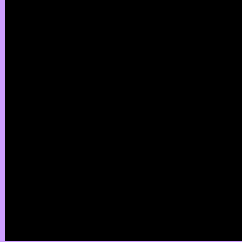
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7305, 44.7955, 100.3168

Background



This preview shows how black text looks on a background with the XYZ color 55.7305, 44.7955, 100.3168.



This preview shows how white text looks on a background with the XYZ color 55.7305, 44.7955,

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

55.7305, 44.7955, 100.3168

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.2716, 45.1816, 97.5489



Tritanopia

45.8636, 44.5196, 52.6302

Trichromacy



Original Color

55.7305, 44.7955, 100.3168



Protanomaly

49.2512, 44.3666, 100.5755



Deuteranomaly

48.9587, 44.5484, 98.1138

Tritanomaly

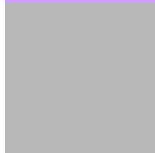
48.8653, 44.3463, 67.6122

Monochromacy



Original Color

55.7305, 44.7955, 100.3168



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.1305, 45.9519, 66.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7305, 44.7955, 100.3168 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(206, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 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(206, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7305, 44.7955, 100.3168 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(206, 158, 255) }
```


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

```
.border{ border-color:rgb(206, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7305, 44.7955, 100.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 255) }
```

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

```
.background{ background-color: rgb(206,  
158, 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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