

Converting Colors

XYZ(55.1268, 43.2439,
100.0491)

Have a look what the booklet for
XYZ(55.1268, 43.2439, 100.0491)
contains.

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Color

**XYZ(55.1734, 43.2679,
100.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	CF99FF
RGB	207, 153, 255
RGB Percent	81%, 60%, 100%
CMY	0.1882, 0.4000, 0.0000
CMYK	0.19, 0.40, 0.00, 0.00
HSL	272°, 100%, 80%
HSV	272°, 40%, 100%
XYZ	55.1734, 43.2679, 100.0513
YIQ	180.7740, -0.5580, 43.1700

Conversions

Conversions Part 2

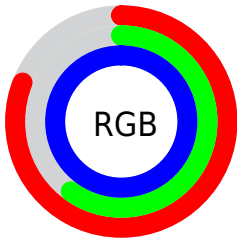
Format	Color
R_{YB}	207, 153, 255
Decimal	13605375
CIE _{Lab}	71.74, 38.92, -43.17
CIE _{LCh}	72, 58.124, 312.036
Yxy	43.2679, 0.2780, 0.2180
Android (android.graphics.Color)	4291795455 (0xFFCF99FF)
YUV	180.7740, 36.5934, 23.0002
Hunter-Lab	65.7783, 34.6097, -44.1375

Details

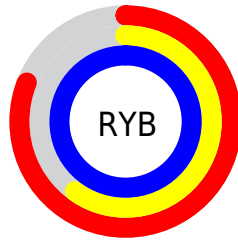
The XYZ color **55.1734, 43.2679, 100.0513** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.5979, 86.2377, 43.3269**, and the grayscale version is **43.6093, 45.8804, 49.9638**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **27.6092, 19.9639, 55.8243** is the 20% darker color. If you saturate the color by 10%, you get **48.2111, 34.1318, 98.6548**, and if you desaturate by 10%, it is **63.2851, 54.3222, 101.7575**.

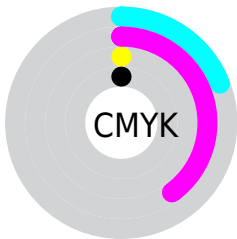
Distribution



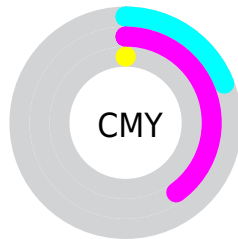
- Red (81%)
- Green (60%)
- Blue (100%)



- Red (81%)
- Yellow (60%)
- Blue (100%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1734, 43.2679, 100.0513 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 55.1734, 43.2679, 100.0513 by changing the saturation by 10% instead.

55.1734, 43.2679,
100.0513

55.1734, 43.2679,
100.0513

396.6946,
359.7123, 581.6052

39.7750, 30.0954,
75.7263

96.9418, 80.1150,
163.2802

27.5466, 19.9110,
55.7028

124.0425,
104.5583, 203.0211

18.1228, 12.3304,
39.5623

155.7746,
133.5274, 248.7377

11.1384, 6.9691,
26.8862

192.5036,
167.4065, 300.8485

6.2280, 3.4428,
17.2561

234.5947,
206.5802, 359.7722

3.0262, 1.3670,
10.2534

282.4133,

1.1676, 0.1922,

251.4328, 425.9272

5.4595

336.3249,
302.3487, 499.7320

■ 0.0806, 0.0000,
2.4559

■ 0.0000, 0.0000,
0.8166

■ 55.1734, 43.2679,
100.0513

■ 55.1734, 43.2679,
100.0513

■ 48.2111, 34.1318,
98.6548

■ 63.2851, 54.3222,
101.7575

■ 42.3310, 26.7912,
97.5479

■ 72.5996, 67.3970,
103.7902

■ 37.4646, 21.1169,
96.7091

■ 83.1719, 82.5931,
106.1662

■ 33.5328, 16.9593,
96.1138

95.0500, 100.0000,
108.9000

■ 30.4418, 14.1404,
95.7327

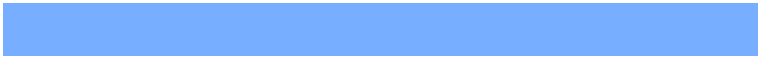
■ 28.0424, 12.3713,
95.5176

■ 28.0420, 12.3711,
95.5176

Harmonies

Analogous

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



45.2071, 43.2679, 122.6828



55.1734, 43.2679, 100.0513



61.9283, 43.2679, 65.9234

Triad

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



55.1734, 43.2679, 100.0513



47.2546, 43.2679, 12.0339



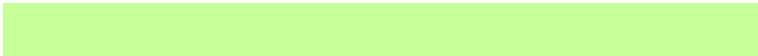
25.2276, 43.2679, 59.3674

Complementary

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



55.1734, 43.2679, 100.0513



65.5979, 86.2377, 43.3269

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.



25.5958, 43.2679, 32.2690



55.1734, 43.2679, 100.0513



37.2961, 43.2679, 11.4582

Square

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



55.1734, 43.2679, 100.0513



56.8773, 43.2679, 19.3015



29.6897, 43.2679, 17.1928



28.5878, 43.2679, 93.6329

Rectangle

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



55.1734, 43.2679, 100.0513



63.1347, 43.2679, 45.2080



29.6897, 43.2679, 17.1928



24.9364, 43.2679, 49.0674

Sweetspot

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



55.1748, 43.2696, 100.0516



80.9526, 79.3771, 105.6624



52.3791, 56.3757, 102.7287



17.0232, 16.5509, 22.5474



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.



55.1748, 43.2696, 100.0516



49.5140, 35.8103, 98.9101



70.4094, 51.1548, 99.3422



17.9211, 17.8511, 22.7510



14.8266, 6.5539, 49.9182



1.5698, 0.7032, 4.8663

Inverse Universe

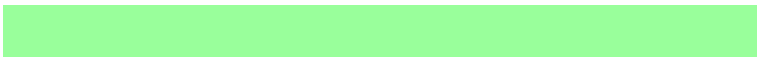
The Inverse Universe completely reimagines the original color for something new.



63.1747, 48.2609, 61.2448



58.8889, 41.6521, 53.7652



54.7892, 80.6493, 43.5594



18.3652, 18.1294, 20.5402



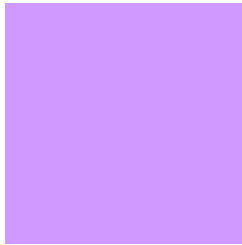
23.3942, 11.8470, 10.7262



2.3325, 1.1754, 1.3322

Previews

White Background



This preview shows how the XYZ color 55.1734, 43.2679, 100.0513 looks on a white background.

Color Contrast Check

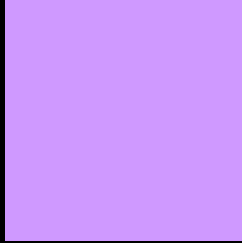
Large Text (above 18pt) WCAG AA × Fail

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 55.1734, 43.2679, 100.0513 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 55.1734, 43.2679, 100.0513

Background



This preview shows how black text looks on a background with the XYZ color 55.1734, 43.2679, 100.0513.



This preview shows how white text looks on a background with the XYZ color 55.1734, 43.2679,

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

55.1734, 43.2679, 100.0513

Protanopia

45.3880, 43.4967, 100.6112

Deuteranopia

44.7614, 43.5330, 97.3103



Tritanopia

45.1371, 43.3554, 50.2454

Trichromacy



Original Color

55.1734, 43.2679, 100.0513



Protanomaly

48.2638, 43.0385, 100.3712



Deuteranomaly

47.5691, 42.7357, 97.8371

Tritanomaly

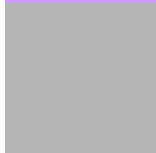
48.1590, 42.9399, 66.0716

Monochromacy



Original Color

55.1734, 43.2679, 100.0513



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.1833, 44.6270, 65.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1734, 43.2679, 100.0513 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(207, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1734, 43.2679, 100.0513 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(207, 153, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1734, 43.2679, 100.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 255) }
```

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

```
.background{ background-color: rgb(207,  
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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