

Converting Colors

XYZ(55.2807, 44.5169,
100.2867)

Have a look what the booklet for
XYZ(55.2807, 44.5169, 100.2867)
contains.

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Color

**XYZ(55.1787, 44.5111,
100.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9EFF
RGB	204, 158, 255
RGB Percent	80%, 62%, 100%
CMY	0.2000, 0.3804, 0.0000
CMYK	0.20, 0.38, 0.00, 0.00
HSL	268°, 100%, 81%
HSV	268°, 38%, 100%
XYZ	55.1787, 44.5111, 100.2910
YIQ	182.8120, -3.7210, 39.9190

Conversions

Conversions Part 2

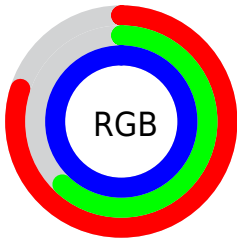
Format	Color
RYB	204, 158, 255
Decimal	13410047
CIELab	72.57, 35.35, -41.89
CIELCh	73, 54.809, 310.157
Yxy	44.5111, 0.2759, 0.2226
Android (android.graphics.Color)	4291600127 (0xFFCC9EFF)
YUV	182.8120, 35.5887, 18.5819
Hunter-Lab	66.7166, 30.8762, -42.4253

Details

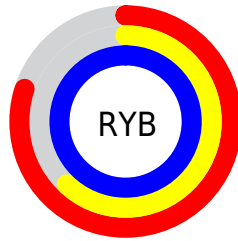
The XYZ color **55.1787, 44.5111, 100.2910** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.2268, 87.5443, 45.6514**, and the grayscale version is **44.7209, 47.0498, 51.2373**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.5598, 20.6812, 55.9654** is the 20% darker color. If you saturate the color by 10%, you get **47.7541, 34.8836, 98.8240**, and if you desaturate by 10%, it is **63.8249, 56.1099, 102.0741**.

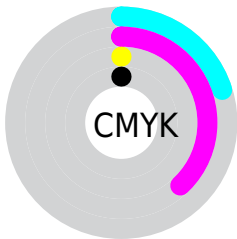
Distribution



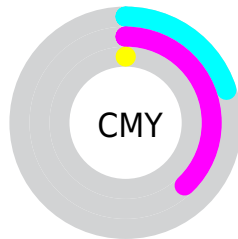
- Red (80%)
- Green (62%)
- Blue (100%)



- Red (80%)
- Yellow (62%)
- Blue (100%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1787, 44.5111, 100.2910 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 55.1787, 44.5111, 100.2910 by changing the saturation by 10% instead.


 55.1787, 44.5111,
100.2910


 55.1787, 44.5111,
100.2910


396.7144,
364.7899, 582.3799

 39.7792, 31.0725,
75.9253

 96.9495, 81.9863,
163.6124

 27.5499, 20.6541,
55.8650


 124.0516,
106.7917, 203.4052

 18.1254, 12.8714,
39.6914


155.7852,
136.1548, 249.1775

 11.1403, 7.3400,
26.9861

192.5158,
170.4600, 301.3478

 6.2292, 3.6757,
17.3304

234.6086,
210.0917, 360.3346

 3.0270, 1.4938,
10.3059

282.4291,

 1.1680, 0.2844,

255.4343, 426.5566

5.4940

336.3425,
306.8723, 500.4321

■ 0.0809, 0.0000,
2.4762

■ 0.0000, 0.0000,
0.8275

■ 55.1787, 44.5111,
100.2910

■ 55.1787, 44.5111,
100.2910

■ 47.7541, 34.8836,
98.8240

■ 63.8249, 56.1099,
102.0741

■ 41.4826, 27.1055,
97.6533

■ 73.7474, 69.7814,
104.1900

■ 36.2948, 21.0493,
96.7577

■ 85.0025, 85.6262,
106.6551

■ 32.1111, 16.5684,
96.1133

95.0500, 100.0000,
108.9000

■ 28.8383, 13.4899,
95.6916

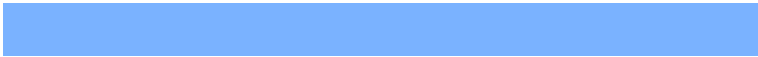
■ 26.3531, 11.5810,
95.4541

■ 25.9253, 11.2799,
95.4186

Harmonies

Analogous

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



45.6017, 44.5111, 120.1178



55.1787, 44.5111, 100.2910



61.8650, 44.5111, 68.4253

Triad

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



55.1787, 44.5111, 100.2910



48.7982, 44.5111, 14.0854



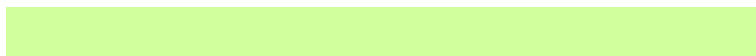
26.7857, 44.5111, 58.2620

Complementary

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



55.1787, 44.5111, 100.2910



68.2268, 87.5443, 45.6514

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.



27.3772, 44.5111, 32.8212



55.1787, 44.5111, 100.2910



39.1740, 44.5111, 13.1082

Square

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



55.1787, 44.5111, 100.2910



57.8170, 44.5111, 22.0002



31.6101, 44.5111, 18.5211



29.8522, 44.5111, 90.5086

Rectangle

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



55.1787, 44.5111, 100.2910



63.2692, 44.5111, 48.3226



31.6101, 44.5111, 18.5211



26.5758, 44.5111, 48.6078

Sweetspot

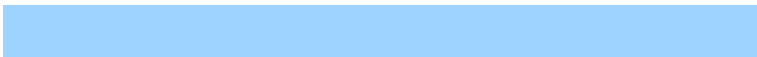
The Sweet Spot groups the original color and five complimentary colors.



55.1801, 44.5128, 100.2913



81.5263, 80.7003, 105.8876



55.1326, 60.4520, 103.3704



17.1180, 16.8047, 22.5914



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.



55.1801, 44.5128, 100.2913



49.1714, 36.6915, 99.0983



70.3380, 52.3270, 101.0006



17.8224, 17.8002, 22.7464



13.7161, 5.9814, 49.8662



1.4605, 0.6469, 4.8611

Inverse Universe

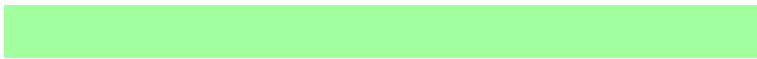
The Inverse Universe completely reimagines the original color for something new.



64.9763, 50.3186, 66.6103



60.6376, 43.4918, 59.4587



56.6777, 81.5905, 45.1109



18.4084, 18.1467, 20.7678



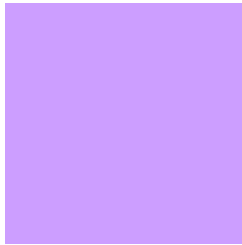
23.8759, 12.0397, 13.2629



2.3800, 1.1944, 1.5822

Previews

White Background



This preview shows how the XYZ color 55.1787, 44.5111, 100.2910 looks on a white background.

Color Contrast Check

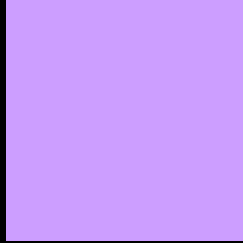
Large Text (above 18pt) WCAG AA × Fail

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 55.1787, 44.5111, 100.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

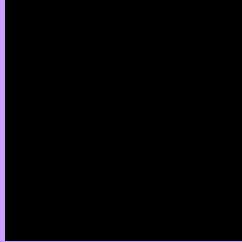
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1787, 44.5111, 100.2910

Background



This preview shows how black text looks on a background with the XYZ color 55.1787, 44.5111, 100.2910.



This preview shows how white text looks on a background with the XYZ color 55.1787, 44.5111,

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

55.1787, 44.5111, 100.2910

Protanopia

46.5242, 44.9461, 100.8311

Deuteranopia

45.8868, 44.6911, 97.4745



Tritanopia

45.3537, 44.2567, 52.6064

Trichromacy



Original Color

55.1787, 44.5111, 100.2910



Protanomaly

49.0326, 44.2539, 100.5653



Deuteranomaly

48.5532, 44.0621, 98.0413



Tritanomaly

48.3415, 44.0763, 67.5877

Monochromacy



Original Color

55.1787, 44.5111, 100.2910



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 55.1787, 44.5111, 100.2910 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(204, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1787, 44.5111, 100.2910 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(204, 158, 255) }
```


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

```
.border{ border-color:rgb(204, 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(204, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1787, 44.5111, 100.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 255) }
```

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

```
.background{ background-color: rgb(204,  
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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