

Converting Colors

XYZ(55.1572, 44.2864,
100.2488)

Have a look what the booklet for
XYZ(55.1572, 44.2864, 100.2488)
contains.

XYZ(55.0088, 44.1713, 100.2344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.0088, 44.1713,
100.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9DFF
RGB	204, 157, 255
RGB Percent	80%, 62%, 100%
CMY	0.2000, 0.3843, 0.0000
CMYK	0.20, 0.38, 0.00, 0.00
HSL	269°, 100%, 81%
HSV	269°, 38%, 100%
XYZ	55.0088, 44.1713, 100.2344
YIQ	182.2250, -3.4460, 40.4420

Conversions

Conversions Part 2

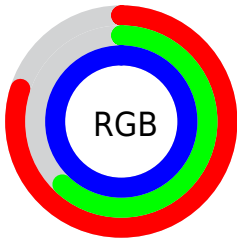
Format	Color
RYB	204, 157, 255
Decimal	13409791
CIELab	72.34, 35.89, -42.24
CIElCh	72, 55.431, 310.352
Yxy	44.1713, 0.2759, 0.2215
Android (android.graphics.Color)	4291599871 (0xFFCC9DFF)
YUV	182.2250, 35.8781, 19.0967
Hunter-Lab	66.4615, 31.4331, -42.8956

Details

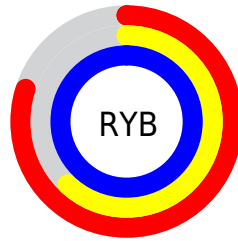
The XYZ color **55.0088, 44.1713, 100.2344** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.8589, 87.3645, 45.1866**, and the grayscale version is **44.3993, 46.7115, 50.8688**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **27.4574, 20.4763, 55.9312** is the 20% darker color. If you saturate the color by 10%, you get **47.6528, 34.6300, 98.7804**, and if you desaturate by 10%, it is **63.5778, 55.6763, 102.0034**.

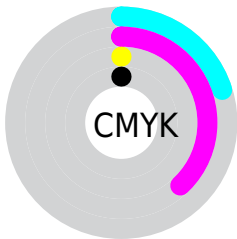
Distribution



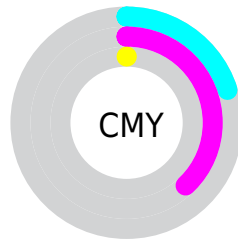
- Red (80%)
- Green (62%)
- Blue (100%)



- 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 55.0088, 44.1713, 100.2344 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 55.0088, 44.1713, 100.2344 by changing the saturation by 10% instead.


 55.0088, 44.1713,
100.2344


 55.0088, 44.1713,
100.2344


396.0812,
363.4068, 582.1970

 39.6426, 30.8052,
75.8783

 96.7021, 81.4754,
163.5339

 27.4430, 20.4506,
55.8267


 123.7599,
106.1823, 203.3145

 18.0445, 12.7230,
39.6609


155.4457,
135.4382, 249.0737

 11.0818, 7.2381,
26.9625

192.1248,
169.6275, 301.2299

 6.1896, 3.6114,
17.3129

234.1625,
209.1346, 360.2019

 3.0025, 1.4587,
10.2935

281.9243,

 1.1551, 0.2594,

254.3439, 426.4080

5.4858

335.7753,
305.6399, 500.2669

■ 0.0704, 0.0000,
2.4714

■ 0.0000, 0.0000,
0.8249

■ 55.0088, 44.1713,
100.2344

■ 55.0088, 44.1713,
100.2344

■ 47.6528, 34.6300,
98.7804

■ 63.5778, 55.6763,
102.0034

■ 41.4414, 26.9304,
97.6216

■ 73.4146, 69.2467,
104.1043

■ 36.3052, 20.9444,
96.7369

■ 84.5753, 84.9833,
106.5536

■ 32.1644, 16.5246,
96.1021

95.0500, 100.0000,
108.9000

■ 28.9255, 13.4972,
95.6884

■ 26.4608, 11.6205,
95.4561

■ 26.1182, 11.3793,
95.4276

Harmonies

Analogous

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



45.3651, 44.1713, 120.4473



55.0088, 44.1713, 100.2344



61.7258, 44.1713, 67.9989

Triad

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



55.0088, 44.1713, 100.2344



48.4549, 44.1713, 13.6561



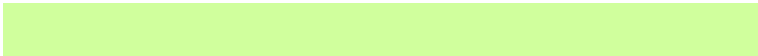
26.4070, 44.1713, 58.1612

Complementary

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



55.0088, 44.1713, 100.2344



67.8589, 87.3645, 45.1866

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.



26.9756, 44.1713, 32.5120



55.0088, 44.1713, 100.2344



38.7743, 44.1713, 12.7265

Square

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



55.0088, 44.1713, 100.2344



57.5631, 44.1713, 21.4786



31.1960, 44.1713, 18.1513



29.5039, 44.1713, 90.7338

Rectangle

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



55.0088, 44.1713, 100.2344



63.1159, 44.1713, 47.7730



31.1960, 44.1713, 18.1513



26.1887, 44.1713, 48.4185

Sweetspot

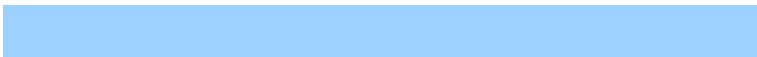
The Sweet Spot groups the original color and five complimentary colors.



55.0102, 44.1730, 100.2346



80.4355, 79.1105, 105.6382



54.8218, 60.1213, 103.3229



16.9016, 16.4882, 22.5417



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.



55.0102, 44.1730, 100.2346



49.3326, 36.7746, 99.1058



70.1561, 51.9810, 100.9434



17.8319, 17.8051, 22.7468



13.8175, 6.0337, 49.8709



1.4707, 0.6521, 4.8616

Inverse Universe

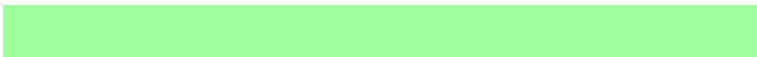
The Inverse Universe completely reimagines the original color for something new.



64.6830, 49.9294, 65.9035



60.5645, 43.4626, 59.0736



56.3975, 81.4559, 44.6502



18.4042, 18.1450, 20.7456



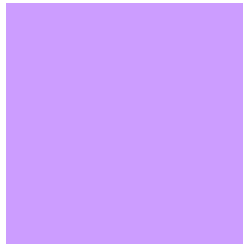
23.8262, 12.0198, 13.0011



2.3751, 1.1924, 1.5567

Previews

White Background



This preview shows how the XYZ color 55.0088, 44.1713, 100.2344 looks on a white background.

Color Contrast Check

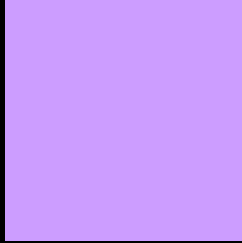
Large Text (above 18pt) WCAG AA × Fail

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 55.0088, 44.1713, 100.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

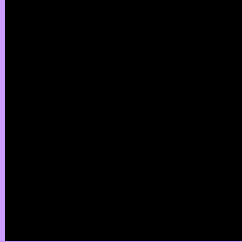
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0088, 44.1713, 100.2344

Background



This preview shows how black text looks on a background with the XYZ color 55.0088, 44.1713, 100.2344.



This preview shows how white text looks on a background with the XYZ color 55.0088, 44.1713,

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

55.0088, 44.1713, 100.2344

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.7004, 44.5950, 97.4658



Tritanopia

45.2477, 44.2143, 52.0483

Trichromacy



Original Color

55.0088, 44.1713, 100.2344



Protanomaly

48.6302, 43.7713, 100.4934



Deuteranomaly

48.3362, 43.9503, 98.0311

Tritanomaly

48.2165, 44.0263, 66.9294

Monochromacy



Original Color

55.0088, 44.1713, 100.2344



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.6874, 45.4377, 66.5786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0088, 44.1713, 100.2344 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, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 157, 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, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0088, 44.1713, 100.2344 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, 157, 255) }
```


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

```
.border{ border-color:rgb(204, 157, 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, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0088, 44.1713, 100.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 157, 255) }
```

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

```
.background{ background-color: rgb(204,  
157, 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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