

Converting Colors

XYZ(55.5722, 44.3522, 88.0788)

Have a look what the booklet for
XYZ(55.5722, 44.3522, 88.0788)
contains.

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Color

**XYZ(55.4739, 44.1810,
88.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	D79BF0
RGB	215, 155, 240
RGB Percent	84%, 61%, 94%
CMY	0.1569, 0.3921, 0.0588
CMYK	0.10, 0.35, 0.00, 0.06
HSL	282°, 74%, 77%
HSV	282°, 35%, 94%
XYZ	55.4739, 44.1810, 88.0421
YIQ	182.6300, 8.4750, 39.1550

Conversions

Conversions Part 2

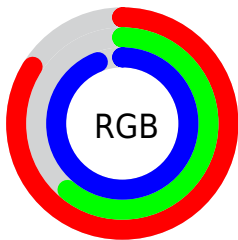
Format	Color
R _{YB}	215, 155, 240
Decimal	14130160
CIE Lab	72.35, 37.03, -34.00
CIE LCh	72, 50.274, 317.446
Yxy	44.1810, 0.2956, 0.2354
Android (android.graphics.Color)	4292320240 (0xFFD79BF0)
YUV	182.6300, 28.2834, 28.3885
Hunter-Lab	66.4688, 32.6532, -32.0052

Details

The XYZ color **55.4739, 44.1810, 88.0421** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **55.9002, 74.3911, 42.4249**, and the grayscale version is **44.6554, 46.9810, 51.1623**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **27.8001, 20.5321, 47.8453** is the 20% darker color. If you saturate the color by 10%, you get **49.8417, 35.9268, 86.7464**, and if you desaturate by 10%, it is **61.9922, 54.0725, 89.6085**.

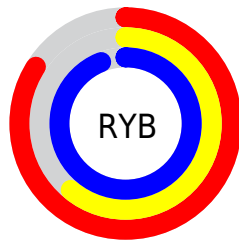
Distribution



Red (84%)

Green (61%)

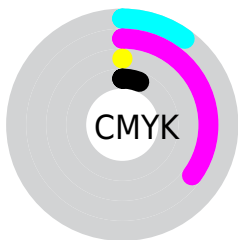
Blue (94%)



Red (84%)

Yellow (61%)

Blue (94%)

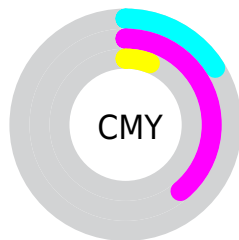


Cyan (10%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (16%)


Magenta (39%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4739, 44.1810, 88.0421 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 55.4739, 44.1810, 88.0421 by changing the saturation by 10% instead.


 55.4739, 44.1810,
88.0421


 55.4739, 44.1810,
88.0421


397.8131,
363.4464, 542.0460

 40.0166, 30.8128,
65.7934

 97.3792, 81.4900,
146.5274

 27.7358, 20.4564,
47.6493


 124.5580,
106.1997, 183.6011

 18.2660, 12.7272,
33.1912


156.3746,
135.4586, 226.4536

 11.2420, 7.2410,
22.0007

193.1944,
169.6512, 275.5033

 6.2983, 3.6133,
13.6591

235.3828,
209.1619, 331.1689

 3.0697, 1.4597,
7.7479

283.3052,

 1.1907, 0.2601,

254.3751, 393.8688

3.8486

337.3268,
305.6751, 464.0217

■ 0.0990, 0.0000,
1.5427

■ 0.0000, 0.0000,
0.2494

■ 55.4739, 44.1810,
88.0421

■ 55.4739, 44.1810,
88.0421

■ 49.8417, 35.9268,
86.7464

■ 61.9922, 54.0725,
89.6085

■ 45.0429, 29.2091,
85.7027

■ 69.4366, 65.6830,
91.4572

■ 41.0254, 23.9248,
84.8945

■ 77.8500, 79.0954,
93.6026

■ 37.7291, 19.9551,
84.3020

■ 87.2710, 94.3855,
96.0573

■ 35.0841, 17.1620,
83.9023

■ 91.0188, 98.1900,
96.5942

■ 33.0043, 15.3751,
83.6670

■ 92.7283, 99.0713,
96.6742

■ 32.1794, 14.7722,
83.5941

Harmonies

Analogous

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



47.1788, 44.1810, 109.3537



55.4739, 44.1810, 88.0421



60.4080, 44.1810, 59.2191

Triad

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



55.4739, 44.1810, 88.0421



45.7124, 44.1810, 14.9829



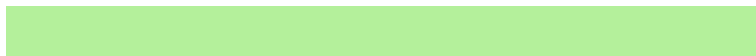
28.0409, 44.1810, 63.8450

Complementary

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



55.4739, 44.1810, 88.0421



55.9002, 74.3911, 42.4249

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.



27.7612, 44.1810, 38.4775



55.4739, 44.1810, 88.0421



37.2014, 44.1810, 15.4716

Square

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



55.4739, 44.1810, 88.0421



54.2742, 44.1810, 20.8581



30.8943, 44.1810, 22.5486



31.7196, 44.1810, 92.4135

Rectangle

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



55.4739, 44.1810, 88.0421



60.7366, 44.1810, 42.1934



30.8943, 44.1810, 22.5486



27.5663, 44.1810, 54.5457

Sweetspot

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



55.4754, 44.1829, 88.0431



83.7751, 81.8596, 105.9928



45.6698, 46.1064, 88.9312



17.6545, 17.0812, 22.6165



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.



55.4754, 44.1829, 88.0431



59.2101, 44.1360, 100.0061



60.9770, 47.2973, 75.7286



15.9751, 15.7844, 19.9263



17.7547, 8.1583, 45.7668



1.5759, 0.7297, 3.8120

Inverse Universe

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



55.8961, 45.2649, 48.9725



59.9914, 45.6793, 48.5151



52.1255, 72.2684, 50.2334



15.9640, 15.8353, 17.3669



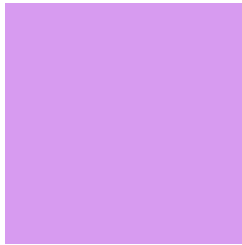
20.3373, 10.4073, 4.4268



1.7338, 0.8826, 0.5890

Previews

White Background



This preview shows how the XYZ color 55.4739, 44.1810, 88.0421 looks on a white background.

Color Contrast Check

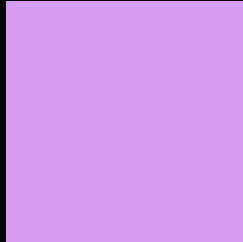
Large Text (above 18pt) WCAG AA × Fail

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 55.4739, 44.1810, 88.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

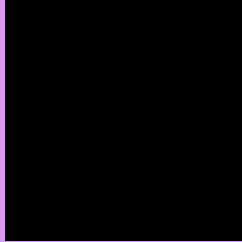
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4739, 44.1810, 88.0421

Background



This preview shows how black text looks on a background with the XYZ color 55.4739, 44.1810, 88.0421.



This preview shows how white text looks on a background with the XYZ color 55.4739, 44.1810,

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

55.4739, 44.1810, 88.0421

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.5746, 44.5026, 85.5447



Tritanopia

47.5105, 44.0545, 49.1793

Trichromacy



Original Color

55.4739, 44.1810, 88.0421



Protanomaly

48.9371, 44.0214, 96.3602



Deuteranomaly

48.5801, 44.0648, 86.0657



Tritanomaly

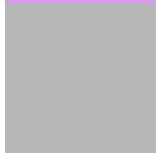
50.0524, 44.0140, 61.7346

Monochromacy



Original Color

55.4739, 44.1810, 88.0421



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.3483, 45.8489, 63.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4739, 44.1810, 88.0421 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(215, 155, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 155, 240)  
}
```

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(215, 155, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 155, 240) }
```

Border

The CSS property to change the border of an element to XYZ 55.4739, 44.1810, 88.0421 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(215, 155, 240) }
```


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

```
.border{ border-color:rgb(215, 155, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 155, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 155, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 155, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 155,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4739, 44.1810, 88.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 155, 240) }
```

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

```
.background{ background-color: rgb(215,  
155, 240) }
```

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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