

Converting Colors

XYZ(44.4857, 49.4453, 88.8695)

Have a look what the booklet for
XYZ(44.4857, 49.4453, 88.8695)
contains.

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Color

**XYZ(44.4815, 49.4403,
88.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	86C1EF
RGB	134, 193, 239
RGB Percent	53%, 76%, 94%
CMY	0.4745, 0.2431, 0.0627
CMYK	0.44, 0.19, 0.00, 0.06
HSL	206°, 77%, 73%
HSV	206°, 44%, 94%
XYZ	44.4815, 49.4403, 88.8599
YIQ	180.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

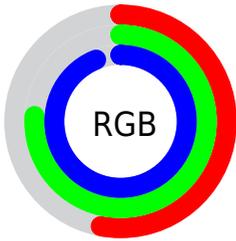
Format	Color
RYB	134, 172, 239
Decimal	8831471
CIELab	75.72, -7.17, -28.76
CIELCh	76, 29.636, 256.002
Yxy	49.4403, 0.2434, 0.2705
Android (android.graphics.Color)	4287021551 (0xFF86C1EF)
YUV	180.6030, 28.7897, -40.8708
Hunter-Lab	70.3138, -10.1275, -25.7088

Details

The XYZ color **44.4815, 49.4403, 88.8599** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.2222, 52.7159, 29.7679**, and the grayscale version is **43.5772, 45.8466, 49.9269**.

A 20% lighter version of the original color is **73.4115, 86.0477, 107.3474**, and **20.9859, 23.7528, 48.2784** is the 20% darker color. If you saturate the color by 10%, you get **38.8609, 43.2284, 87.9580**, and if you desaturate by 10%, it is **51.1300, 56.4275, 89.8590**.

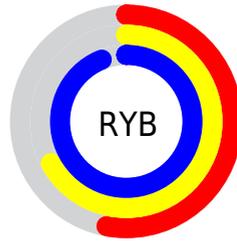
Distribution



Red (53%)

Green (76%)

Blue (94%)



Red (53%)

Yellow (67%)

Blue (94%)

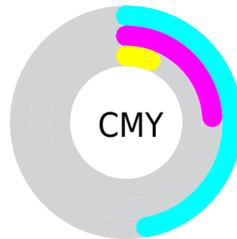


Cyan (44%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4815, 49.4403, 88.8599 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 44.4815, 49.4403, 88.8599 by changing the saturation by 10% instead.

■ 44.4815, 49.4403,
88.8599

■ 44.4815, 49.4403,
88.8599

355.4887,
384.4731, 544.7892

■ 31.2488, 34.9689,
66.4671

■ 81.1837, 89.3450,
147.6754

■ 20.9411, 23.6389,
48.1928

■ 105.3838,
115.5472, 184.9351

■ 13.1932, 15.0660,
33.6185

■ 133.9704,
146.4283, 227.9875

■ 7.6396, 8.8657,
22.3257

167.3089,
182.3729, 277.2512

■ 3.9151, 4.6537,
13.8958

205.7646,
223.7652, 333.1447

■ 1.6542, 2.0455,
7.9103

249.7029,

■ 0.4273, 0.6337,

270.9898, 396.0865

3.9507

299.4892,
324.4310, 466.4952

■ 0.0000, 0.0000,
1.5983

■ 0.0000, 0.0000,
0.2896

■ 44.4815, 49.4403,
88.8599

■ 44.4815, 49.4403,
88.8599

■ 38.8609, 43.2284,
87.9580

■ 51.1300, 56.4275,
89.8590

■ 34.2012, 37.7491,
87.1460

■ 58.8580, 64.2183,
90.9555

■ 30.4345, 32.9632,
86.4208

■ 67.7191, 72.8461,
92.1538

■ 27.4807, 28.8243,
85.7775

■ 77.7621, 82.3406,
93.4571

■ 25.2427, 25.2766,
85.2107

■ 89.0324, 92.7297,
94.8684

■ 24.1464, 23.3645,
84.8994

■ 92.5802, 99.0121,
95.8940

Harmonies

Analogous

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



40.0268, 49.4403, 78.6692



44.4815, 49.4403, 88.8599



49.9652, 49.4403, 88.4779

Triad

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



44.4815, 49.4403, 88.8599



57.8987, 49.4403, 45.9129



39.7924, 49.4403, 35.4277

Complementary

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



44.4815, 49.4403, 88.8599



56.2222, 52.7159, 29.7679

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.



44.1383, 49.4403, 29.6668



44.4815, 49.4403, 88.8599



54.7207, 49.4403, 34.8645

Square

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



44.4815, 49.4403, 88.8599



58.0087, 49.4403, 61.4894



49.5942, 49.4403, 29.4830



37.4658, 49.4403, 46.8385

Rectangle

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



44.4815, 49.4403, 88.8599



53.4807, 49.4403, 82.2145



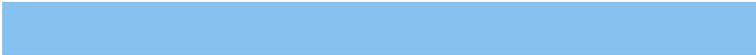
49.5942, 49.4403, 29.4830



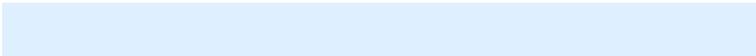
41.0497, 49.4403, 32.8731

Sweetspot

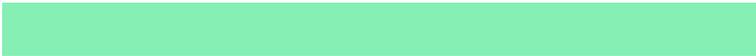
The Sweet Spot groups the original color and five complimentary colors.



44.4831, 49.4422, 88.8611



79.4291, 85.3275, 106.8912



48.8868, 70.0775, 53.8648



16.4838, 17.7672, 22.8106



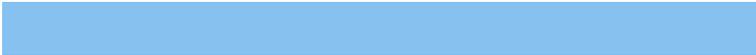
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4831, 49.4422, 88.8611



45.4680, 50.5885, 101.9759



34.9380, 30.3519, 85.6794



15.6342, 16.7024, 20.1215



13.4767, 13.1776, 46.9611



1.2200, 1.2940, 3.9397

Inverse Universe

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



53.7488, 39.2528, 55.1977



57.8786, 38.6330, 56.5070



68.7574, 77.7863, 33.9463



16.1448, 15.9076, 18.3186



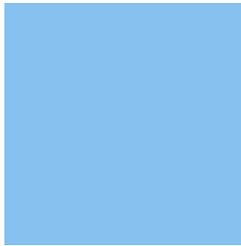
22.1280, 11.1236, 13.8567



1.8908, 0.9453, 1.4156

Previews

White Background



This preview shows how the XYZ color 44.4815, 49.4403, 88.8599 looks on a white background.

Color Contrast Check

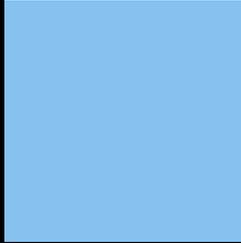
Large Text (above 18pt) WCAG AA × Fail

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 44.4815, 49.4403, 88.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

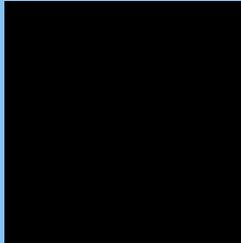
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4815, 49.4403, 88.8599

Background



This preview shows how black text looks on a background with the XYZ color 44.4815, 49.4403, 88.8599.



This preview shows how white text looks on a background with the XYZ color 44.4815, 49.4403,

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

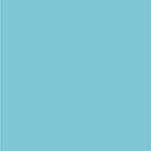
44.4815, 49.4403, 88.8599

Protanopia

49.3040, 49.1628, 83.9816

Deuteranopia

50.2662, 49.2165, 90.0695



Tritanopia

40.7289, 49.2486, 70.3101

Trichromacy



Original Color

44.4815, 49.4403, 88.8599

Protanomaly

47.0638, 48.9097, 85.5573

Deuteranomaly

47.7966, 49.2028, 89.4160

Tritanomaly

42.1307, 49.4996, 76.4411

Monochromacy



Original Color

44.4815, 49.4403, 88.8599

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3195, 46.8547, 62.6378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4815, 49.4403, 88.8599 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(134, 193, 239)` looks like.

```
.text, #text, p{  
    color:rgb(134, 193, 239)  
}
```

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(134, 193, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 193, 239) }
```

Border

The CSS property to change the border of an element to XYZ 44.4815, 49.4403, 88.8599 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(134, 193, 239) }
```

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

```
.border{ border-color:rgb(134, 193, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 193, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 193, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 193, 239);  
box-shadow:4px 4px 4px 4px rgb(134, 193,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4815, 49.4403, 88.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 193, 239) }
```

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

```
.background{ background-color: rgb(134,  
193, 239) }
```

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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