

Converting Colors

YUV(135.9920, 45.3599,
-82.4310)

Have a look what the booklet for
YUV(135.9920, 45.3599, -82.4310)
contains.

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Color

**YUV(135.9920, 45.3599,
-82.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA6E4
RGB	42, 166, 228
RGB Percent	16%, 65%, 89%
CMY	0.8353, 0.3490, 0.1059
CMYK	0.82, 0.27, 0.00, 0.11
HSL	200°, 78%, 53%
HSV	200°, 82%, 89%
XYZ	28.5947, 33.3661, 78.3320
YIQ	135.9920, -93.8060, -7.0060

Conversions

Conversions Part 2

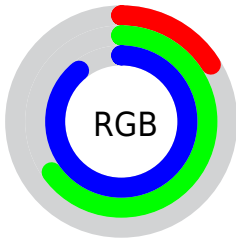
Format	Color
R _Y B	42, 116, 228
Decimal	2795236
CIE Lab	64.46, -11.76, -40.49
CIE LCh	64, 42.164, 253.801
Yxy	33.3661, 0.2038, 0.2378
Android (android.graphics.Color)	4280985316 (0xFF2AA6E4)
YUV	135.9920, 45.3599, -82.4310
Hunter-Lab	57.7634, -12.7230, -39.9678

Details

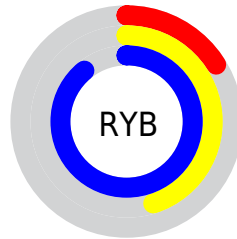
The YUV color **135.9920, 45.3599, -82.4310** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **134.0080, -45.3599, 82.4310**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0790, 30.0341, -66.7213**, and **86.5260, 42.1387, -75.8833** is the 20% darker color. If you saturate the color by 10%, you get **124.4190, 51.0654, -92.4525**, and if you desaturate by 10%, it is **147.5650, 39.6545, -72.4095**.

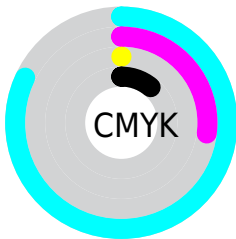
Distribution



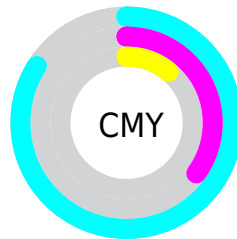
- Red (16%)
- Green (65%)
- Blue (89%)



- Red (16%)
- Yellow (45%)
- Blue (89%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9920, 45.3599, -82.4310 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 YUV color 135.9920, 45.3599, -82.4310 by changing the saturation by 10% instead.

■ 135.9920, 45.3599,
-82.4310

■ 135.9920, 45.3599,
-82.4310

■ 255.0000, 0.0000,
0.0000

■ 104.9800, 46.8449,
-92.0675

■ 194.0790, 30.0341,
-66.7213

■ 86.5260, 42.1387,
-75.8833

■ 220.0830, 17.2141,
-61.4628

■ 69.3600, 37.2905,
-60.8287

■ 232.8740, 10.9081,
-45.4935

■ 52.8950, 32.5898,
-46.3889

■ 242.1430, 6.3385,
-26.4354

■ 37.1310, 28.0364,
-32.5639

■ 251.4120, 1.7689,
-7.3773

■ 22.6550, 23.3411,
-19.8684

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 135.9920, 45.3599,
-82.4310

■ 135.9920, 45.3599,
-82.4310

■ 124.4190, 51.0654,
-92.4525

■ 147.5650, 39.6545,
-72.4095

■ 115.2160, 55.6025,
-101.0444

■ 158.5510, 34.2384,
-61.8732

■ 169.8250, 28.6803,
-52.4665

■ 180.8110, 23.2642,
-41.9302

■ 192.3840, 17.5587,
-31.9088

■ 203.9570, 11.8532,
-21.8873

■ 214.9430, 6.4371,
-11.3510

■ 226.2170, 0.8790,
-1.9443

■ 237.2030, -4.5371,
8.5920

Harmonies

Analogous

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



125.1490, 40.3525, -109.7557



135.9920, 45.3599, -82.4310



154.4770, 36.7398, -24.0973

Triad

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



135.9920, 45.3599, -82.4310



158.0940, -8.9203, 61.3076



146.7820, -23.0635, -22.6108

Complementary

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



135.9920, 45.3599, -82.4310



134.0080, -45.3599, 82.4310

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.



151.8910, -34.9493, 9.7426



135.9920, 45.3599, -82.4310



156.8210, -25.0548, 56.2850

Square

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



135.9920, 45.3599, -82.4310



160.0120, 8.8681, 49.1015



154.7680, -34.8886, 37.0375



137.4470, -1.6994, -61.7820

Rectangle

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



135.9920, 45.3599, -82.4310



159.7150, 29.2275, 5.5119



154.7680, -34.8886, 37.0375



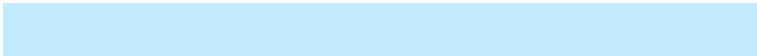
148.5940, -27.9008, -11.0449

Sweetspot

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



135.9920, 45.3599, -82.4310



225.0210, 14.7796, -27.2054



158.2500, -26.7452, -101.9512



109.3060, 9.2161, -16.0544



0.0000, 0.0000, 0.0000



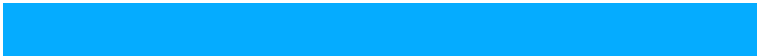
128.0000, 0.0000, 0.0000

Same Dimension

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



135.9920, 45.3599, -82.4310



131.5290, 60.8712, -110.9659



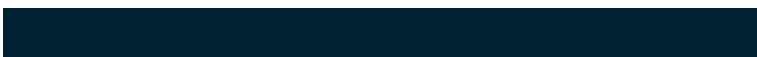
81.4010, 72.2733, -34.5547



109.0640, 2.9264, -5.3181



90.2590, 43.7493, -79.1571



25.7720, 12.4374, -22.6020

Inverse Universe

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



111.7500, 26.7452, 101.9513



98.7880, 36.0935, 136.9979



188.5990, -72.2733, 34.5547



107.5000, 1.7255, 6.5775



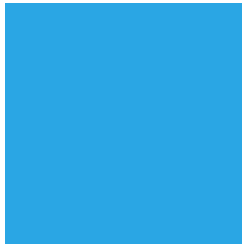
67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 135.9920, 45.3599, -82.4310 looks on a white background.

Color Contrast Check

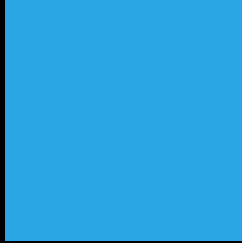
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 135.9920, 45.3599, -82.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

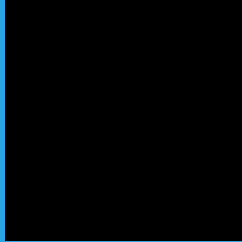
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

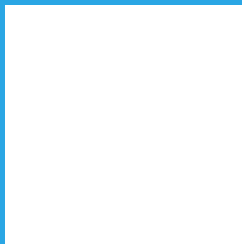
Any Text WCAG AAA ✓ Pass

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

YUV 135.9920, 45.3599, -82.4310 Background



This preview shows how black text looks on a background with the YUV color 135.9920, 45.3599, -82.4310.

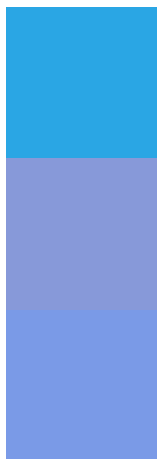


This preview shows how white text looks on a background with the YUV color 135.9920, 45.3599, -82.4310.

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

135.9920, 45.3599, -82.4310

Protanopia

154.9140, 30.6084, -17.4646

Deuteranopia

153.2100, 38.3505, -27.3712



Tritanopia

122.7550, 31.1798, -107.6561

Trichromacy



Original Color

135.9920, 45.3599, -82.4310

Protanomaly

148.1390, 35.9205, -41.3409

Deuteranomaly

146.7730, 41.0309, -47.1589

Tritanomaly

127.1890, 36.3888, -98.3898

Monochromacy



Original Color

135.9920, 45.3599, -82.4310

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0530, 16.2429, -29.8645

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9920, 45.3599, -82.4310 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(42, 166, 228)` looks like.

```
.text, #text, p{  
    color:rgb(42, 166, 228)  
}
```

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(42, 166, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 166, 228) }
```

Border

The CSS property to change the border of an element to YUV 135.9920, 45.3599, -82.4310 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(42, 166, 228) }
```


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

```
.border{ border-color:rgb(42, 166, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 166, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 166, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 166, 228);  
box-shadow:4px 4px 4px 4px rgb(42, 166,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 135.9920, 45.3599, -82.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 166, 228) }
```

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

```
.background{ background-color: rgb(42, 166,  
228) }
```

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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