

Converting Colors

YUV(185.5620, 23.8799,
-99.5939)

Have a look what the booklet for
YUV(185.5620, 23.8799, -99.5939)
contains.

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Color

**YUV(185.5620, 23.8799,
-99.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	48EAEA
RGB	72, 234, 234
RGB Percent	28%, 92%, 92%
CMY	0.7176, 0.0824, 0.0824
CMYK	0.69, 0.00, 0.00, 0.08
HSL	180°, 79%, 60%
HSV	180°, 69%, 92%
XYZ	46.9466, 66.1639, 88.1385
YIQ	185.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

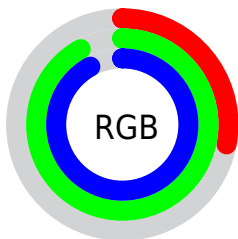
Format	Color
RYB	72, 153, 234
Decimal	4778730
CIELab	85.08, -40.45, -12.12
CIELCh	85, 42.228, 196.677
Yxy	66.1639, 0.2333, 0.3288
Android (android.graphics.Color)	4282968810 (0xFF48EAEA)
YUV	185.5620, 23.8799, -99.5939
Hunter-Lab	81.3412, -39.3246, -7.3058

Details

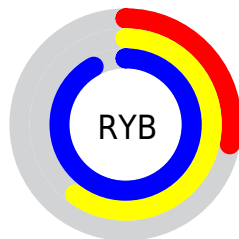
The YUV color **185.5620, 23.8799, -99.5939** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **120.4380, -23.8799, 99.5939**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **124.7780, 26.2384, -109.4303** is the 20% darker color. If you saturate the color by 10%, you get **178.6850, 27.2703, -113.7337**, and if you desaturate by 10%, it is **192.4390, 20.4896, -85.4540**.

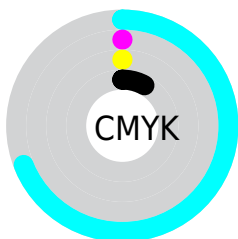
Distribution



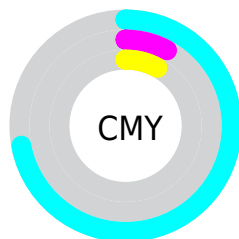
- Red (28%)
- Green (92%)
- Blue (92%)



- Red (28%)
- Yellow (60%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.5620, 23.8799, -99.5939 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 185.5620, 23.8799, -99.5939 by changing the saturation by 10% instead.

185.5620, 23.8799,
-99.5939

185.5620, 23.8799,
-99.5939

255.0000, 0.0000,
0.0000

147.1080, 29.0338,
-119.3667

221.2130, 16.6570,
-69.4698

124.7780, 26.2384,
-109.4303

230.7810, 11.9400,
-49.7969

105.3780, 22.9846,
-92.4165

240.0500, 7.3704,
-30.7388

87.1520, 19.1521,
-76.4323

249.6180, 2.6533,
-11.0660

69.0400, 15.7563,
-60.5481

52.2160, 12.2185,
-45.7934

35.5060, 9.1175,

-31.1388

■ 19.6110, 6.6008,
-17.1988

■ 1.0260, 3.9312,
-0.8998

■ 185.5620, 23.8799,
-99.5939

■ 185.5620, 23.8799,
-99.5939

■ 178.6850, 27.2703,
-113.7337

■ 192.4390, 20.4896,
-85.4540

■ 171.5090, 30.8081,
-128.4884

■ 199.6150, 16.9518,
-70.6994

■ 164.6320, 34.1984,
-142.6283

■ 206.4920, 13.5614,
-56.5595

■ 164.0340, 34.4932,
-143.8578

■ 213.6680, 10.0237,
-41.8048

■ 220.5450, 6.6333,
-27.6650

■ 227.4220, 3.2430,
-13.5251

■ 234.5980, -0.2948,
1.2296

■ 240.2790, -3.0955,
12.9103

Harmonies

Analogous

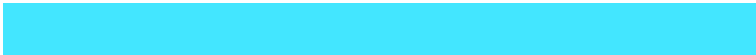
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.2510, -1.1097, -64.2411



185.5620, 23.8799, -99.5939



184.1130, 34.9473, -102.7081

Triad

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



185.5620, 23.8799, -99.5939



216.2030, 19.1269, 25.2550



211.3830, -37.6568, 38.2521

Complementary

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



185.5620, 23.8799, -99.5939



120.4380, -23.8799, 99.5939

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.



206.1460, -24.7220, 42.8450



185.5620, 23.8799, -99.5939



210.7010, 10.5004, 38.8502

Square

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



185.5620, 23.8799, -99.5939



208.8620, 22.7460, -15.6650



204.9670, -6.3927, 43.8789



207.6520, -35.8174, 8.1982

Rectangle

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



185.5620, 23.8799, -99.5939



192.2410, 30.9402, -77.3874



204.9670, -6.3927, 43.8789



209.0180, -34.0259, 40.3262

Sweetspot

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



185.5620, 23.8799, -99.5939



238.8540, 7.9600, -33.1980



167.0940, -46.8813, -83.3974



118.4320, 4.7170, -19.6729



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.



185.5620, 23.8799, -99.5939



191.6120, 31.2503, -130.3327



138.0150, 47.3206, -57.8952



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



138.9060, 46.8813, 83.3974



130.5560, 61.3509, 109.1374



167.9850, -47.3206, 57.8952



110.5430, 3.1833, 5.6628



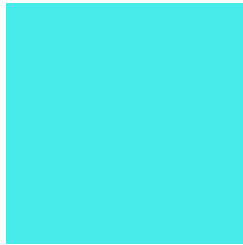
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 185.5620, 23.8799, -99.5939 looks on a white background.

Color Contrast Check

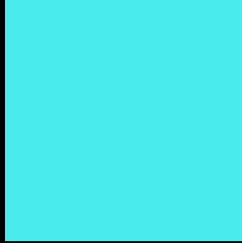
Large Text (above 18pt) WCAG AA × Fail

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 185.5620, 23.8799, -99.5939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

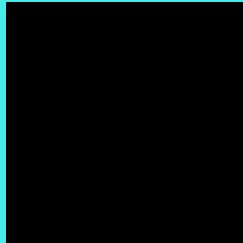
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.5620, 23.8799, -99.5939

Background



This preview shows how black text looks on a background with the YUV color 185.5620, 23.8799, -99.5939.

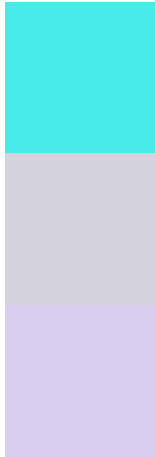


This preview shows how white text looks on a background with the YUV color 185.5620, 23.8799, -99.5939.

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

185.5620, 23.8799, -99.5939

Protanopia

211.6240, 3.6364, 0.3298

Deuteranopia

212.5780, 13.5190, 3.8781



Tritanopia

188.3160, 30.4102, -94.1161

Trichromacy



Original Color

185.5620, 23.8799, -99.5939



Protanomaly

202.2280, 10.7336, -36.1570



Deuteranomaly

202.9600, 17.2747, -34.1679



Tritanomaly

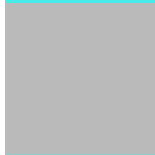
187.3220, 27.9423, -95.8754

Monochromacy



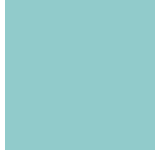
Original Color

185.5620, 23.8799, -99.5939



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.6580, 8.5496, -35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5620, 23.8799, -99.5939 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(72, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(72, 234, 234)  
}
```

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(72, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 234, 234) }
```

Border

The CSS property to change the border of an element to YUV 185.5620, 23.8799, -99.5939 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(72, 234, 234) }
```


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

```
.border{ border-color:rgb(72, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(72, 234,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 185.5620, 23.8799, -99.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 234, 234) }
```

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

```
.background{ background-color: rgb(72, 234,  
234) }
```

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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