

Converting Colors

YUV(185.4590, 23.4377,
-97.7495)

Have a look what the booklet for
YUV(185.4590, 23.4377, -97.7495)
contains.

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Color

**YUV(185.4590, 23.4377,
-97.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	4AE9E9
RGB	74, 233, 233
RGB Percent	29%, 91%, 91%
CMY	0.7098, 0.0863, 0.0863
CMYK	0.68, 0.00, 0.00, 0.09
HSL	180°, 78%, 60%
HSV	180°, 68%, 91%
XYZ	46.6709, 65.6169, 87.2963
YIQ	185.4590, -94.7640, -33.7080

Conversions

Conversions Part 2

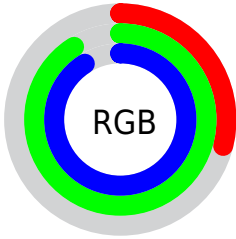
Format	Color
RYB	74, 154, 233
Decimal	4909545
CIELab	84.80, -40.02, -12.00
CIELCh	85, 41.784, 196.696
Yxy	65.6169, 0.2338, 0.3288
Android (android.graphics.Color)	4283099625 (0xFF4AE9E9)
YUV	185.4590, 23.4377, -97.7495
Hunter-Lab	81.0042, -38.9139, -7.1924

Details

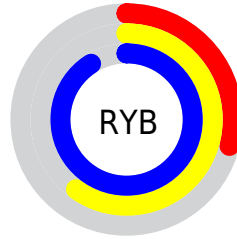
The YUV color **185.4590, 23.4377, -97.7495** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **121.5410, -23.4377, 97.7495**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **124.0770, 26.0910, -108.8155** is the 20% darker color. If you saturate the color by 10%, you get **178.5820, 26.8281, -111.8894**, and if you desaturate by 10%, it is **192.3360, 20.0474, -83.6097**.

Distribution



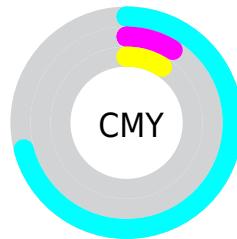
- Red (29%)
- Green (91%)
- Blue (91%)



- Red (29%)
- Yellow (60%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4590, 23.4377, -97.7495 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 185.4590, 23.4377, -97.7495 by changing the saturation by 10% instead.

185.4590, 23.4377,
-97.7495

185.4590, 23.4377,
-97.7495

255.0000, 0.0000,
0.0000

148.7990, 27.7071,
-113.8337

221.5120, 16.5096,
-68.8550

124.0770, 26.0910,
-108.8155

231.0800, 11.7926,
-49.1822

105.2640, 22.5478,
-92.3165

240.3490, 7.2229,
-30.1241

86.4510, 19.0047,
-75.8175

249.6180, 2.6533,
-11.0660

68.9260, 15.3195,
-60.4481

51.5150, 12.0711,
-45.1787

34.8050, 8.9701,

-30.5240

■ 18.9100, 6.4534,
-16.5841

■ 0.7980, 3.0576,
-0.6998

■ 185.4590, 23.4377,
-97.7495

■ 185.4590, 23.4377,
-97.7495

■ 178.5820, 26.8281,
-111.8894

■ 192.3360, 20.0474,
-83.6097

■ 171.4060, 30.3658,
-126.6441

■ 199.5120, 16.5096,
-68.8550

■ 164.5290, 33.7562,
-140.7839

■ 206.3890, 13.1192,
-54.7152

■ 163.3330, 34.3458,
-143.2430

■ 213.2660, 9.7289,
-40.5753

■ 220.4420, 6.1911,
-25.8206

■ 227.3190, 2.8007,
-11.6808

■ 234.1960, -0.5896,
2.4591

■ 239.5780, -3.2430,
13.5251

Harmonies

Analogous

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



194.5500, -1.2572, -63.6264



185.4590, 23.4377, -97.7495



184.4230, 34.7945, -100.3490

Triad

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



185.4590, 23.4377, -97.7495



215.9040, 19.2743, 24.6402



210.4970, -37.2200, 38.1521

Complementary

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



185.4590, 23.4377, -97.7495



121.5410, -23.4377, 97.7495

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.



205.5590, -24.4326, 43.3598



185.4590, 23.4377, -97.7495



210.0000, 10.3530, 39.4650

Square

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



185.4590, 23.4377, -97.7495



208.2750, 23.0354, -15.1502



204.8530, -6.8295, 43.9789



206.7660, -35.3806, 8.0982

Rectangle

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



185.4590, 23.4377, -97.7495



191.9530, 31.0822, -76.2578



204.8530, -6.8295, 43.9789



209.0180, -34.0259, 40.3262

Sweetspot

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



185.4590, 23.4377, -97.7495



239.7510, 7.5178, -31.3536



167.3330, -46.0132, -81.8530



118.7310, 4.5696, -19.0581



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.



185.4590, 23.4377, -97.7495



192.5090, 30.8081, -128.4884



139.0860, 46.2996, -57.0804



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.



139.6670, 46.0132, 81.8530



132.3170, 60.4827, 107.5930



168.5010, -46.5890, 56.5656



110.5430, 3.1833, 5.6628



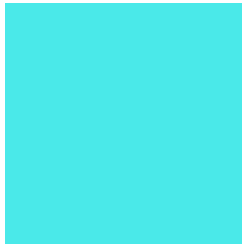
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 185.4590, 23.4377, -97.7495 looks on a white background.

Color Contrast Check

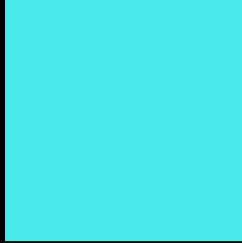
Large Text (above 18pt) WCAG AA × Fail

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 185.4590, 23.4377, -97.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

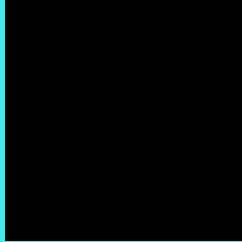
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.4590, 23.4377, -97.7495

Background



This preview shows how black text looks on a background with the YUV color 185.4590, 23.4377, -97.7495.

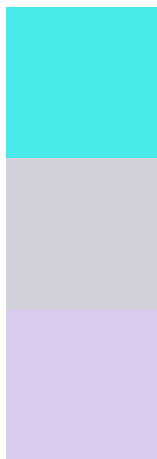


This preview shows how white text looks on a background with the YUV color 185.4590, 23.4377, -97.7495.

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

185.4590, 23.4377, -97.7495

Protanopia

210.6240, 3.6364, 0.3298

Deuteranopia

212.4640, 13.0822, 3.9781



Tritanopia

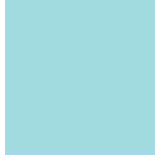
188.8000, 29.6786, -92.7866

Trichromacy



Original Color

185.4590, 23.4377, -97.7495



Protanomaly

201.5270, 10.5862, -35.5422



Deuteranomaly

202.5580, 16.9799, -32.9384



Tritanomaly

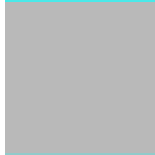
187.8060, 27.2106, -94.5459

Monochromacy



Original Color

185.4590, 23.4377, -97.7495



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.9570, 8.4022, -35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4590, 23.4377, -97.7495 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(74, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(74, 233, 233)  
}
```

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(74, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 233, 233) }
```

Border

The CSS property to change the border of an element to YUV 185.4590, 23.4377, -97.7495 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(74, 233, 233) }
```


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

```
.border{ border-color:rgb(74, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(74, 233,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 185.4590, 23.4377, -97.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 233, 233) }
```

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

```
.background{ background-color: rgb(74, 233,  
233) }
```

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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