

Converting Colors

YUV(194.6500, 23.8366,
-85.6390)

Have a look what the booklet for
YUV(194.6500, 23.8366, -85.6390)
contains.

YUV(194.6500, 23.8366, -85.6390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(194.6500, 23.8366,
-85.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	61EBF3
RGB	97, 235, 243
RGB Percent	38%, 92%, 95%
CMY	0.6196, 0.0784, 0.0471
CMYK	0.60, 0.03, 0.00, 0.05
HSL	183°, 86%, 67%
HSV	183°, 60%, 95%
XYZ	50.8158, 68.4291, 95.3239
YIQ	194.6500, -84.8160, -26.7680

Conversions

Conversions Part 2

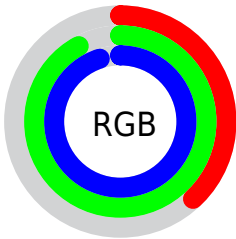
Format	Color
R _Y B	97, 168, 243
Decimal	6417395
CIE Lab	86.22, -34.80, -15.09
CIE LCh	86, 37.925, 203.439
Yxy	68.4291, 0.2368, 0.3189
Android (android.graphics.Color)	4284607475 (0xFF61EBF3)
YUV	194.6500, 23.8366, -85.6390
Hunter-Lab	82.7219, -35.1114, -10.4170

Details

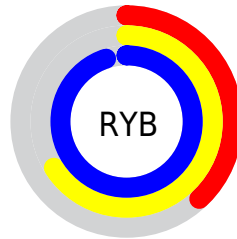
The YUV color **194.6500, 23.8366, -85.6390** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **145.3500, -23.8365, 85.6391**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **126.3910, 29.8802, -110.8449** is the 20% darker color. If you saturate the color by 10%, you get **186.8870, 27.6637, -99.8789**, and if you desaturate by 10%, it is **202.4130, 20.0094, -71.3992**.

Distribution



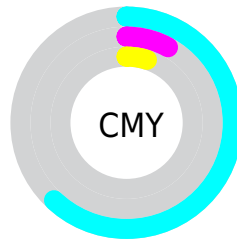
- Red (38%)
- Green (92%)
- Blue (95%)



- Red (38%)
- Yellow (66%)
- Blue (95%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.6500, 23.8366, -85.6390 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 194.6500, 23.8366, -85.6390 by changing the saturation by 10% instead.

194.6500, 23.8366,
-85.6390

194.6500, 23.8366,
-85.6390

255.0000, 0.0000,
0.0000

163.9590, 25.1632,
-91.1720

226.8940, 13.8563,
-57.7890

126.3910, 29.8802,
-110.8449

236.1630, 9.2866,
-38.7310

107.4640, 25.9002,
-94.2459

245.1330, 4.8644,
-20.2876

88.6510, 22.3571,
-77.7469

254.4020, 0.2948,
-1.2296

71.0120, 18.2351,
-62.2775

53.6010, 14.9867,
-47.0081

37.4780, 11.5963,

-32.8682

■ 22.6430, 8.0640,
-19.8579

■ 2.7530, 8.0098,
-2.4144

■ 194.6500, 23.8366,
-85.6390

■ 194.6500, 23.8366,
-85.6390

■ 186.8870, 27.6637,
-99.8789

■ 202.4130, 20.0094,
-71.3992

■ 178.2380, 31.9277,
-114.2187

■ 211.0620, 15.7454,
-57.0594

■ 170.4750, 35.7548,
-128.4586

■ 218.8250, 11.9183,
-42.8195

■ 162.7120, 39.5820,
-142.6984

■ 226.5880, 8.0911,
-28.5797

■ 234.9380, 3.9746,
-14.8546

■ 243.0000, 0.0000,
0.0000

■ 247.1750, -2.0583,
6.8625

■ 248.3490, -2.6371,
5.8329

■ 248.9360, -2.9264,
5.3181

Harmonies

Analogous

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



199.7010, 3.1054, -62.8818



194.6500, 23.8366, -85.6390



196.9590, 28.6142, -78.0170

Triad

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



194.6500, 23.8366, -85.6390



220.6550, 16.9321, 29.2436



214.4250, -34.7195, 29.4453

Complementary

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



194.6500, 23.8366, -85.6390



145.3500, -23.8365, 85.6391

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.



211.1840, -25.7267, 38.4266



194.6500, 23.8366, -85.6390



212.8380, 5.9959, 36.9761

Square

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



194.6500, 23.8366, -85.6390



214.5430, 19.9453, -3.9842



209.3210, -10.0183, 40.0605



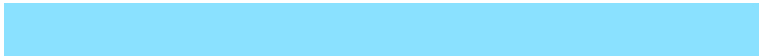
210.3890, -30.2648, 0.5358

Rectangle

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



194.6500, 23.8366, -85.6390



202.4070, 25.9283, -56.4849



209.3210, -10.0183, 40.0605



214.5120, -33.2834, 35.5080

Sweetspot

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



194.6500, 23.8366, -85.6390



239.4850, 7.6489, -26.7353



183.5000, -39.1935, -75.8605



118.1550, 4.8536, -16.7989



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.



194.6500, 23.8366, -85.6390



194.1140, 30.0168, -107.9710



152.3860, 44.6727, -48.5735



118.4120, 1.7689, -7.3773



124.5160, 30.3116, -109.2005



39.0110, 9.8546, -34.2126

Inverse Universe

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



156.3860, 38.7567, 75.9605



145.8520, 48.8800, 95.7228



187.6140, -44.6727, 48.5735



114.9560, 3.4727, 6.1776



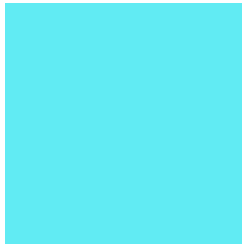
75.6780, 49.4587, 96.7524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 194.6500, 23.8366, -85.6390 looks on a white background.

Color Contrast Check

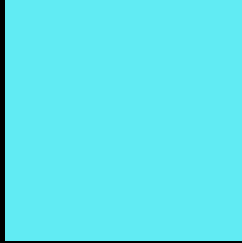
Large Text (above 18pt) WCAG AA × Fail

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 194.6500, 23.8366, -85.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

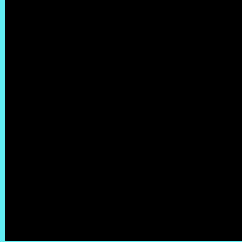
Any Text WCAG AA ✓ Pass

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 194.6500, 23.8366, -85.6390 Background



This preview shows how black text looks on a background with the YUV color 194.6500, 23.8366, -85.6390.



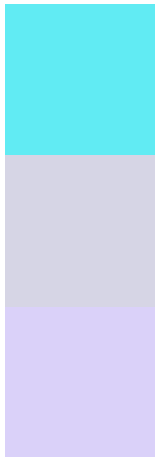
This preview shows how white text looks on a background with the YUV color 194.6500, 23.8366, -85.6390.

-85.6390.

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

194.6500, 23.8366, -85.6390

Protanopia

215.1230, 6.8414, -0.9849

Deuteranopia

216.2510, 16.1453, 1.5339



Tritanopia

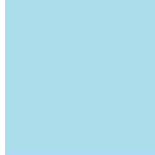
196.2850, 27.4675, -83.5649

Trichromacy



Original Color

194.6500, 23.8366, -85.6390



Protanomaly

207.5320, 13.0487, -32.0386



Deuteranomaly

208.1500, 19.1531, -29.9495



Tritanomaly

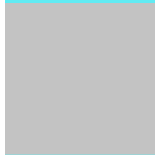
195.6440, 26.3045, -83.8798

Monochromacy



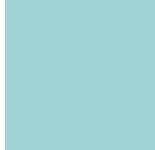
Original Color

194.6500, 23.8366, -85.6390



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9790, 8.3914, -31.5536

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.6500, 23.8366, -85.6390 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(97, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(97, 235, 243)  
}
```

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(97, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 235, 243) }
```

Border

The CSS property to change the border of an element to YUV 194.6500, 23.8366, -85.6390 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(97, 235, 243) }
```


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

```
.border{ border-color:rgb(97, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(97, 235,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 194.6500, 23.8366, -85.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 235, 243) }
```

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

```
.background{ background-color: rgb(97, 235,  
243) }
```

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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