

Converting Colors

YUV(194.0740, 24.1205,
-83.3799)

Have a look what the booklet for
YUV(194.0740, 24.1205, -83.3799)
contains.

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Color

**YUV(194.0740, 24.1205,
-83.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	63E9F3
RGB	99, 233, 243
RGB Percent	39%, 91%, 95%
CMY	0.6118, 0.0863, 0.0471
CMYK	0.59, 0.04, 0.00, 0.05
HSL	184°, 86%, 67%
HSV	184°, 59%, 95%
XYZ	50.4622, 67.4015, 95.1442
YIQ	194.0740, -83.0740, -25.2980

Conversions

Conversions Part 2

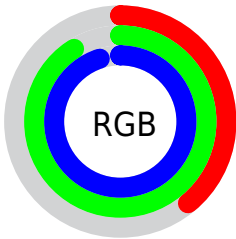
Format	Color
R_{YB}	99, 168, 243
Decimal	6547955
CIE _{Lab}	85.71, -33.52, -15.85
CIE _{LCh}	86, 37.081, 205.308
Yxy	67.4015, 0.2369, 0.3164
Android (android.graphics.Color)	4284738035 (0xFF63E9F3)
YUV	194.0740, 24.1205, -83.3799
Hunter-Lab	82.0984, -33.9565, -11.2425

Details

The YUV color **194.0740, 24.1205, -83.3799** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **147.9260, -24.1205, 83.3799**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **125.2170, 30.4590, -109.8153** is the 20% darker color. If you saturate the color by 10%, you get **185.7240, 28.2371, -97.1049**, and if you desaturate by 10%, it is **202.4240, 20.0040, -69.6548**.

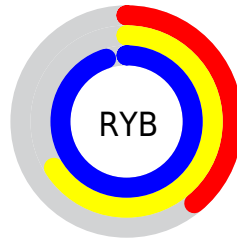
Distribution



Red (39%)

Green (91%)

Blue (95%)



Red (39%)

Yellow (66%)

Blue (95%)

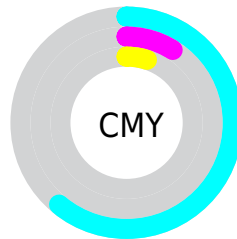


Cyan (59%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0740, 24.1205, -83.3799 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 194.0740, 24.1205, -83.3799 by changing the saturation by 10% instead.

194.0740, 24.1205,
-83.3799

194.0740, 24.1205,
-83.3799

255.0000, 0.0000,
0.0000

163.6820, 25.2998,
-88.2981

227.1930, 13.7089,
-57.1743

125.2170, 30.4590,
-109.8153

236.4620, 9.1392,
-38.1162

106.2900, 26.4790,
-93.2163

245.7310, 4.5696,
-19.0581

88.0640, 22.6464,
-77.2321

69.8380, 18.8139,
-61.2479

53.0140, 15.2761,
-46.4933

36.3040, 12.1751,

-31.8386

■ 22.0560, 8.3534,
-19.3431

■ 2.6390, 7.5730,
-2.3144

■ 194.0740, 24.1205,
-83.3799

■ 194.0740, 24.1205,
-83.3799

■ 185.7240, 28.2371,
-97.1049

■ 202.4240, 20.0040,
-69.6548

■ 177.6620, 32.2116,
-111.9596

■ 210.4860, 16.0294,
-54.8002

■ 169.3120, 36.3282,
-125.6846

■ 218.8360, 11.9129,
-41.0752

■ 160.9620, 40.4447,
-139.4097

■ 227.1860, 7.7963,
-27.3501

■ 160.3640, 40.7395,
-140.6392

■ 234.9490, 3.9691,
-13.1103

■ 243.5980, -0.2948,
1.2296

■ 247.7620, -2.3477,
6.3477

■ 248.9360, -2.9264,
5.3181

■ 249.5230, -3.2158,
4.8033

Harmonies

Analogous

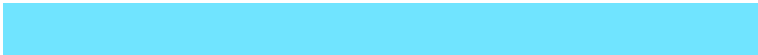
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.3420, 4.2684, -62.5669



194.0740, 24.1205, -83.3799



196.3940, 28.8928, -74.0135

Triad

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



194.0740, 24.1205, -83.3799



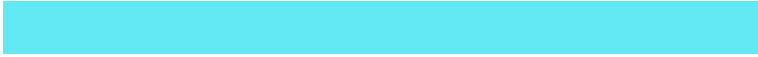
219.4810, 17.5109, 30.2732



212.6420, -33.8405, 27.5010

Complementary

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



194.0740, 24.1205, -83.3799



147.9260, -24.1205, 83.3799

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.



210.4830, -25.8741, 39.0414



194.0740, 24.1205, -83.3799



211.7950, 4.5381, 37.8908

Square

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



194.0740, 24.1205, -83.3799



213.9670, 20.2293, -1.7251



208.9790, -11.3286, 40.3604



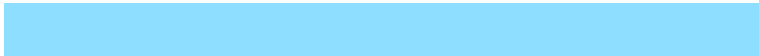
209.0190, -29.0964, -0.8937

Rectangle

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



194.0740, 24.1205, -83.3799



202.4290, 25.9175, -52.9962



208.9790, -11.3286, 40.3604



213.6260, -32.8466, 35.4080

Sweetspot

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



194.0740, 24.1205, -83.3799



239.4850, 7.6489, -26.7353



184.6680, -37.3043, -75.1308



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.



194.0740, 24.1205, -83.3799



193.2500, 30.4428, -104.5823



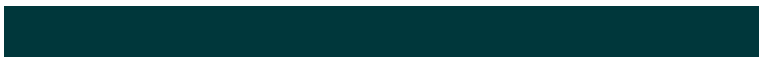
151.8100, 44.9567, -46.3144



118.4120, 1.7689, -7.3773



122.7550, 31.1798, -107.6561



39.0110, 9.8546, -34.2126

Inverse Universe

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



157.3320, 37.3043, 75.1308



147.2710, 46.7014, 94.4783



190.1900, -44.9567, 46.3144



114.9560, 3.4727, 6.1776



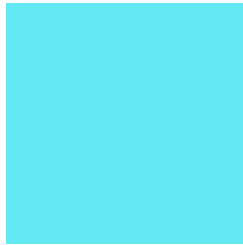
75.3360, 48.1484, 97.0523



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 194.0740, 24.1205, -83.3799 looks on a white background.

Color Contrast Check

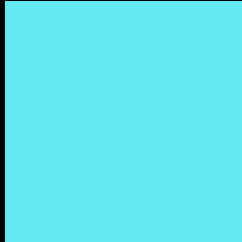
Large Text (above 18pt) WCAG AA × Fail

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 194.0740, 24.1205, -83.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

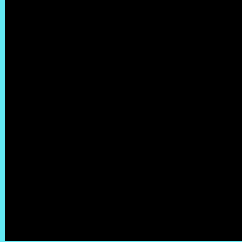
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.0740, 24.1205, -83.3799

Background



This preview shows how black text looks on a background with the YUV color 194.0740, 24.1205, -83.3799.

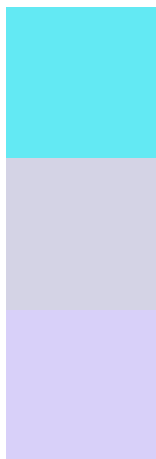


This preview shows how white text looks on a background with the YUV color 194.0740, 24.1205, -83.3799.

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

194.0740, 24.1205, -83.3799

Protanopia

213.3510, 7.7150, -1.1848

Deuteranopia

215.0660, 16.7295, 0.8191



Tritanopia

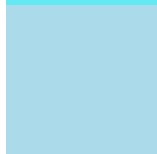
195.2960, 27.4621, -81.8206

Trichromacy



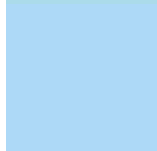
Original Color

194.0740, 24.1205, -83.3799



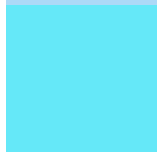
Protanomaly

206.3580, 13.6275, -31.0090



Deuteranomaly

207.2640, 19.5898, -30.0495



Tritanomaly

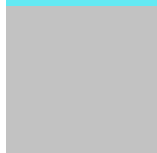
194.6550, 26.2991, -82.1354

Monochromacy



Original Color

194.0740, 24.1205, -83.3799



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8050, 8.9701, -30.5240

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0740, 24.1205, -83.3799 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(99, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(99, 233, 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(99, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 233, 243) }
```

Border

The CSS property to change the border of an element to YUV 194.0740, 24.1205, -83.3799 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(99, 233, 243) }
```


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

```
.border{ border-color:rgb(99, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(99, 233,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 194.0740, 24.1205, -83.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 233, 243) }
```

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

```
.background{ background-color: rgb(99, 233,  
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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