

Converting Colors

YUV(194.9260, 28.6305,
-83.2501)

Have a look what the booklet for
YUV(194.9260, 28.6305, -83.2501)
contains.

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Color

**YUV(194.9260, 28.6305,
-83.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	64E8FD
RGB	100, 232, 253
RGB Percent	39%, 91%, 99%
CMY	0.6078, 0.0902, 0.0078
CMYK	0.60, 0.08, 0.00, 0.01
HSL	188°, 97%, 69%
HSV	188°, 60%, 99%
XYZ	51.8418, 67.5144, 103.2277
YIQ	194.9260, -85.4130, -21.4530

Conversions

Conversions Part 2

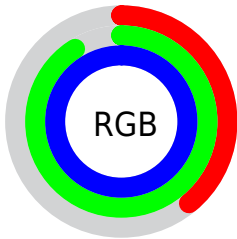
Format	Color
RYB	100, 171, 253
Decimal	6613245
CIELab	85.76, -30.11, -21.02
CIELCh	86, 36.723, 214.922
Yxy	67.5144, 0.2329, 0.3033
Android (android.graphics.Color)	4284803325 (0xFF64E8FD)
YUV	194.9260, 28.6305, -83.2501
Hunter-Lab	82.1671, -31.1714, -16.9699

Details

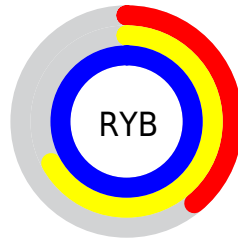
The YUV color **194.9260, 28.6305, -83.2501** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **158.0740, -28.6305, 83.2501**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **125.6560, 34.6796, -110.2003** is the 20% darker color. If you saturate the color by 10%, you get **185.6900, 33.1838, -97.0751**, and if you desaturate by 10%, it is **204.1620, 24.0771, -69.4251**.

Distribution



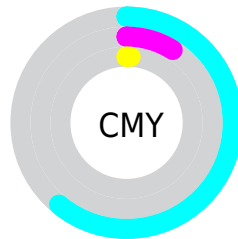
- Red (39%)
- Green (91%)
- Blue (99%)



- Red (39%)
- Yellow (67%)
- Blue (99%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (61%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.9260, 28.6305, -83.2501 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 194.9260, 28.6305, -83.2501 by changing the saturation by 10% instead.

194.9260, 28.6305,
-83.2501

194.9260, 28.6305,
-83.2501

255.0000, 0.0000,
0.0000

164.4200, 29.3729,
-88.0683

227.7910, 13.4140,
-55.9447

125.6560, 34.6796,
-110.2003

237.0600, 8.8444,
-36.8866

106.7290, 30.6996,
-93.6013

246.0300, 4.4222,
-18.4433

88.5030, 26.8670,
-77.6171

70.8640, 22.7450,
-62.1477

53.3390, 19.0599,
-46.7783

37.2160, 15.6695,

-32.6384

■ 22.8540, 11.4110,
-20.0430

■ 3.5510, 11.0674,
-3.1142

■ 194.9260, 28.6305,
-83.2501

■ 194.9260, 28.6305,
-83.2501

■ 185.6900, 33.1838,
-97.0751

■ 204.1620, 24.0771,
-69.4251

■ 175.5680, 38.1740,
-111.0001

■ 214.2840, 19.0870,
-55.5001

■ 166.3320, 42.7273,
-124.8252

■ 223.5200, 14.5336,
-41.6750

■ 156.8080, 47.4227,
-137.5206

■ 233.3430, 9.6909,
-28.3648

■ 242.8780, 4.9901,
-13.9250

■ 252.7010, 0.1474,
-0.6148

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



197.3070, 10.6946, -70.4292



194.9260, 28.6305, -83.2501



199.7050, 27.2604, -63.7623

Triad

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



194.9260, 28.6305, -83.2501



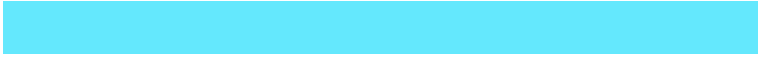
217.4660, 13.5743, 32.9173



211.8150, -32.9398, 18.5792

Complementary

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



194.9260, 28.6305, -83.2501



158.0740, -28.6305, 83.2501

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.



212.1470, -29.6525, 37.5821



194.9260, 28.6305, -83.2501



210.5410, -0.2667, 38.9905

Square

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



194.9260, 28.6305, -83.2501



216.1040, 19.1757, 9.5558



209.0130, -16.2754, 40.3306



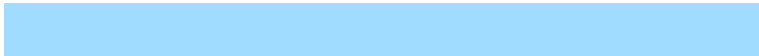
207.6910, -24.9907, -11.1300

Rectangle

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



194.9260, 28.6305, -83.2501



205.7510, 24.2798, -41.0006



209.0130, -16.2754, 40.3306



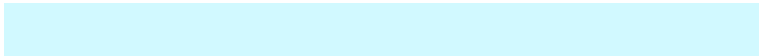
212.7560, -33.4037, 27.4010

Sweetspot

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



194.9260, 28.6305, -83.2501



237.7240, 8.5171, -25.1909



192.0910, -35.5409, -80.7638



116.9810, 5.4324, -15.7693



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.



194.9260, 28.6305, -83.2501



184.1240, 34.9419, -100.9637



150.3140, 50.6242, -44.1254



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125

Inverse Universe

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



160.7950, 35.1041, 80.8638



142.8540, 42.4700, 98.3520



202.6860, -50.6242, 44.1254



120.1410, 2.8885, 6.8923



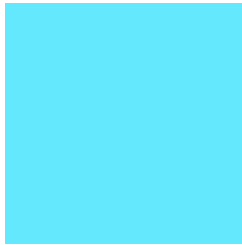
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 194.9260, 28.6305, -83.2501 looks on a white background.

Color Contrast Check

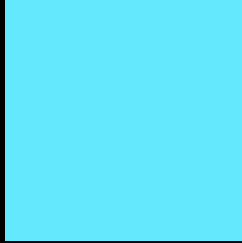
Large Text (above 18pt) WCAG AA × Fail

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 194.9260, 28.6305, -83.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

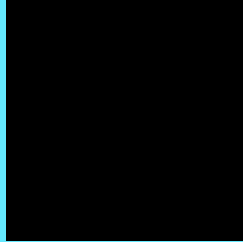
Any Text WCAG AA ✓ Pass

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 194.9260, 28.6305, -83.2501 Background



This preview shows how black text looks on a background with the YUV color 194.9260, 28.6305, -83.2501.



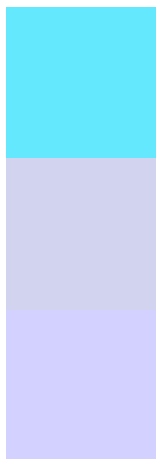
This preview shows how white text looks on a background with the YUV color 194.9260, 28.6305, -83.2501.

-83.2501.

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

194.9260, 28.6305, -83.2501

Protanopia

213.5940, 12.5252, -4.0289

Deuteranopia

214.8420, 19.7979, -3.3694



Tritanopia

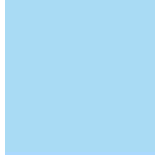
194.3990, 27.9043, -83.6649

Trichromacy



Original Color

194.9260, 28.6305, -83.2501



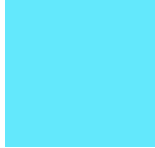
Protanomaly

206.9000, 18.2903, -33.2383



Deuteranomaly

207.4640, 22.9422, -31.9789



Tritanomaly

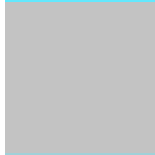
194.5130, 28.3411, -83.7649

Monochromacy



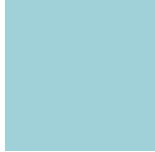
Original Color

194.9260, 28.6305, -83.2501



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.5600, 10.5699, -30.3091

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.9260, 28.6305, -83.2501 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(100, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(100, 232, 253)  
}
```

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(100, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 232, 253) }
```

Border

The CSS property to change the border of an element to YUV 194.9260, 28.6305, -83.2501 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(100, 232, 253) }
```


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

```
.border{ border-color:rgb(100, 232, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 232, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 232, 253);  
box-shadow:4px 4px 4px 4px rgb(100, 232,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 194.9260, 28.6305, -83.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 232, 253) }
```

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

```
.background{ background-color: rgb(100,  
232, 253) }
```

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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