

Converting Colors

YUV(194.6020, 13.5072,
-39.1160)

Have a look what the booklet for
YUV(194.6020, 13.5072, -39.1160)
contains.

YUV(194.6020, 13.5072, -39.1160)	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(194.6020, 13.5072,
-39.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	96D4DE
RGB	150, 212, 222
RGB Percent	59%, 83%, 87%
CMY	0.4118, 0.1686, 0.1294
CMYK	0.32, 0.05, 0.00, 0.13
HSL	188°, 52%, 73%
HSV	188°, 32%, 87%
XYZ	49.3060, 58.8449, 77.8667
YIQ	194.6020, -40.1620, -10.0340

Conversions

Conversions Part 2

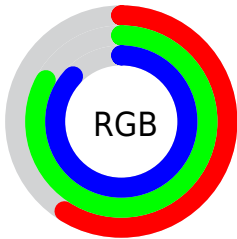
Format	Color
RYB	150, 183, 222
Decimal	9884894
CIELab	81.21, -17.24, -11.26
CIELCh	81, 20.590, 213.136
Yxy	58.8449, 0.2651, 0.3163
Android (android.graphics.Color)	4288074974 (0xFF96D4DE)
YUV	194.6020, 13.5072, -39.1160
Hunter-Lab	76.7104, -19.5116, -6.4864

Details

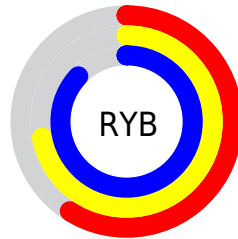
The YUV color **194.6020, 13.5072, -39.1160** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.3980, -13.5072, 39.1160**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **139.9010, 13.3598, -38.5012** is the 20% darker color. If you saturate the color by 10%, you get **186.2630, 17.6183, -51.0967**, and if you desaturate by 10%, it is **202.9410, 9.3961, -27.1353**.

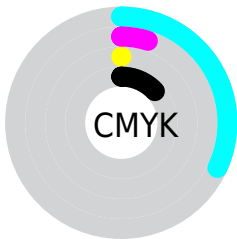
Distribution



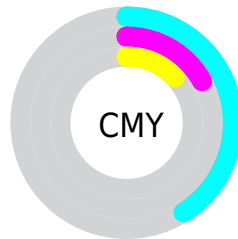
- Red (59%)
- Green (83%)
- Blue (87%)



- Red (59%)
- Yellow (72%)
- Blue (87%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.6020, 13.5072, -39.1160 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 194.6020, 13.5072, -39.1160 by changing the saturation by 10% instead.

■ 194.6020, 13.5072,
-39.1160

■ 194.6020, 13.5072,
-39.1160

255.0000, 0.0000,
0.0000

■ 166.9010, 13.3598,
-38.5012

■ 240.3490, 7.2229,
-30.1241

■ 139.9010, 13.3598,
-38.5012

■ 249.0200, 2.9481,
-12.2955

■ 113.6020, 13.5072,
-39.1160

■ 87.8900, 13.3652,
-40.2455

■ 59.3020, 15.1341,
-47.6229

■ 41.6840, 12.4808,
-36.5569

■ 26.2620, 9.2378,

-23.0318

■ 8.7200, 8.0260,
-7.6474

■ 0.0000, 0.0000,
0.0000

■ 194.6020, 13.5072,
-39.1160

■ 194.6020, 13.5072,
-39.1160

■ 186.2630, 17.6183,
-51.0967

■ 202.9410, 9.3961,
-27.1353

■ 177.9240, 21.7295,
-63.0773

■ 211.2800, 5.2850,
-15.1546

■ 169.2860, 25.9880,
-75.6728

■ 219.9180, 1.0264,
-2.5591

■ 160.9470, 30.0991,
-87.6535

■ 228.2570, -3.0847,
9.4216

■ 152.6080, 34.2103,
-99.6342

■ 234.8020, -6.3114,
17.7136

■ 144.2690, 38.3214,
-111.6149

■ 237.1500, -7.4689,
15.6545

■ 137.4250, 41.6955,
-120.5217

■ 238.9110, -8.3371,
14.1101

■ 240.6720, -9.2053,
12.5657

■ 242.4330,
-10.0735, 11.0213

Harmonies

Analogous

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



194.5180, 4.1816, -34.6573



194.6020, 13.5072, -39.1160



196.7260, 18.8691, -32.2087

Triad

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



194.6020, 13.5072, -39.1160



205.5540, 6.6289, 20.5621



200.8540, -18.6620, 12.4060

Complementary

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



194.6020, 13.5072, -39.1160



177.3980, -13.5072, 39.1160

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.



202.9850, -17.2476, 25.4462



194.6020, 13.5072, -39.1160



204.9160, -2.4236, 30.7687

Square

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



194.6020, 13.5072, -39.1160



203.9200, 14.8294, 3.5782



204.2230, -11.4489, 32.2534



198.4820, -14.5346, -4.8077

Rectangle

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



194.6020, 13.5072, -39.1160



199.6070, 19.4207, -22.4573



204.2230, -11.4489, 32.2534



201.5880, -18.5309, 17.0243

Sweetspot

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



194.6020, 13.5072, -39.1160



245.1770, 4.8427, -13.3102



193.4040, -16.4682, -38.0653



121.4550, 3.2267, -8.2920



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.



194.6020, 13.5072, -39.1160



217.1810, 18.6448, -53.6557



173.4700, 23.9253, -20.5832



108.1240, 1.9109, -6.2477



109.2880, 32.8890, -95.8456



30.1260, 8.8119, -26.4205

Inverse Universe

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



178.5960, 16.4682, 38.0653



195.2910, 22.5345, 52.3648



198.5300, -23.9253, 20.5832



105.4290, 2.7465, 5.7628



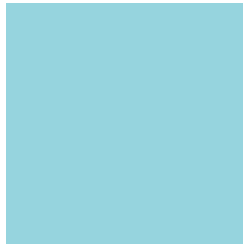
69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 194.6020, 13.5072, -39.1160 looks on a white background.

Color Contrast Check

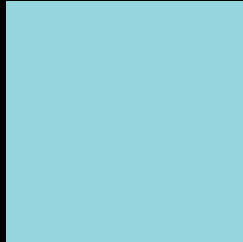
Large Text (above 18pt) WCAG AA × Fail

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 194.6020, 13.5072, -39.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

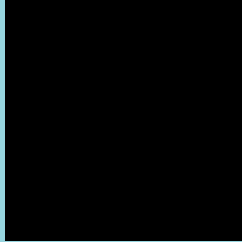
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.6020, 13.5072, -39.1160

Background



This preview shows how black text looks on a background with the YUV color 194.6020, 13.5072, -39.1160.



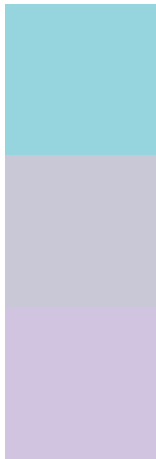
This preview shows how white text looks on a background with the YUV color 194.6020, 13.5072,

-39.1160.

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

194.6020, 13.5072, -39.1160

Protanopia

201.8950, 5.9678, -0.7849

Deuteranopia

203.1930, 10.7509, 5.0927



Tritanopia

194.9980, 16.2700, -38.5862

Trichromacy



Original Color

194.6020, 13.5072, -39.1160

Protanomaly

198.9040, 8.9213, -14.8248

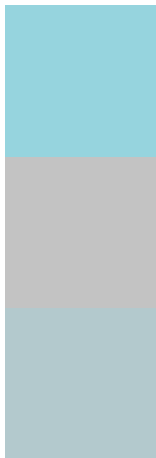
Deuteranomaly

200.3220, 11.6733, -10.8064

Tritanomaly

194.7700, 15.3964, -38.3863

Monochromacy



Original Color

194.6020, 13.5072, -39.1160

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8780, 4.9901, -13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.6020, 13.5072, -39.1160 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(150, 212, 222)` looks like.

```
.text, #text, p{  
    color:rgb(150, 212, 222)  
}
```

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(150, 212, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 212, 222) }
```

Border

The CSS property to change the border of an element to YUV 194.6020, 13.5072, -39.1160 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(150, 212, 222) }
```


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

```
.border{ border-color:rgb(150, 212, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 212, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 212, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 212, 222);  
box-shadow:4px 4px 4px 4px rgb(150, 212,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 194.6020, 13.5072, -39.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 212, 222) }
```

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

```
.background{ background-color: rgb(150,  
212, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor