

Converting Colors

YUV(195.6110, 19.9118,
-40.0008)

Have a look what the booklet for
YUV(195.6110, 19.9118, -40.0008)
contains.

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Color

**YUV(195.6110, 19.9118,
-40.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	96D3EC
RGB	150, 211, 236
RGB Percent	59%, 83%, 93%
CMY	0.4118, 0.1725, 0.0745
CMYK	0.36, 0.11, 0.00, 0.07
HSL	197°, 69%, 76%
HSV	197°, 36%, 93%
XYZ	51.0123, 59.1287, 88.0812
YIQ	195.6110, -44.3810, -5.1570

Conversions

Conversions Part 2

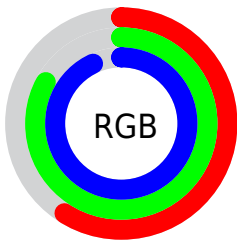
Format	Color
RYB	150, 186, 236
Decimal	9884652
CIELab	81.36, -13.33, -18.49
CIElCh	81, 22.793, 234.203
Yxy	59.1287, 0.2573, 0.2983
Android (android.graphics.Color)	4288074732 (0xFF96D3EC)
YUV	195.6110, 19.9118, -40.0008
Hunter-Lab	76.8952, -16.1497, -14.0884

Details

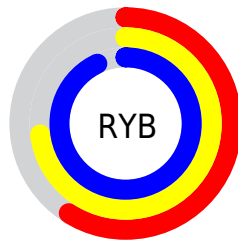
The YUV color **195.6110, 19.9118, -40.0008** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190.3890, -19.9118, 40.0008**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **140.4970, 19.4750, -39.9009** is the 20% darker color. If you saturate the color by 10%, you get **184.3260, 25.4753, -51.1519**, and if you desaturate by 10%, it is **206.8960, 14.3483, -28.8498**.

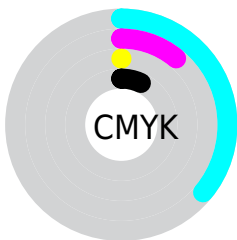
Distribution



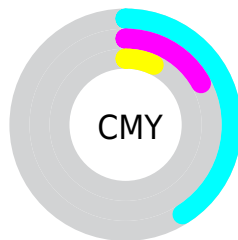
- Red (59%)
- Green (83%)
- Blue (93%)



- Red (59%)
- Yellow (73%)
- Blue (93%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6110, 19.9118, -40.0008 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 195.6110, 19.9118, -40.0008 by changing the saturation by 10% instead.

■ 195.6110, 19.9118,
-40.0008

■ 195.6110, 19.9118,
-40.0008

■ 255.0000, 0.0000,
0.0000

■ 167.6110, 19.9118,
-40.0008

■ 240.6480, 7.0755,
-29.5093

■ 140.4970, 19.4750,
-39.9009

■ 249.3190, 2.8007,
-11.6808

■ 114.0840, 19.1856,
-40.4157

■ 87.4750, 19.4858,
-43.3896

■ 59.1750, 21.1127,
-51.8965

■ 42.9380, 17.2856,
-37.6566

■ 27.4020, 13.6058,

-24.0316

■ 10.3330, 11.6678,
-9.0620

■ 1.0260, 3.9312,
-0.8998

■ 195.6110, 19.9118,
-40.0008

■ 195.6110, 19.9118,
-40.0008

■ 184.3260, 25.4753,
-51.1519

■ 206.8960, 14.3483,
-28.8498

■ 173.3400, 30.8914,
-61.6882

■ 217.8820, 8.9322,
-18.3135

■ 162.0550, 36.4549,
-72.8392

■ 229.1670, 3.3687,
-7.1625

■ 151.6560, 41.5816,
-83.8903

■ 239.5660, -1.7580,
3.8886

■ 140.3710, 47.1451,
-95.0414

■ 246.9640, -5.4053,
7.0476

■ 129.0860, 52.7086,
-106.1924

■ 251.0730, -7.4310,
3.4440

■ 124.9330, 54.7560,
-109.5662

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

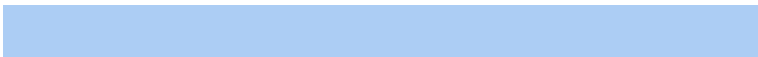
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.6400, 12.5025, -43.5343



195.6110, 19.9118, -40.0008



199.5790, 21.8996, -24.1868

Triad

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



195.6110, 19.9118, -40.0008



205.7250, 0.6286, 31.8132



199.3040, -17.8979, 0.6104

Complementary

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



195.6110, 19.9118, -40.0008



190.3890, -19.9118, 40.0008

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.



201.7300, -20.5729, 18.6538



195.6110, 19.9118, -40.0008



205.4130, -9.5706, 36.4718

Square

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



195.6110, 19.9118, -40.0008



205.5690, 10.5655, 17.9180



203.3170, -17.4113, 31.2940



196.6590, -9.6919, -18.1179

Rectangle

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



195.6110, 19.9118, -40.0008



202.7980, 19.8196, -10.3468



203.3170, -17.4113, 31.2940



200.2940, -19.3719, 6.7582

Sweetspot

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



195.6110, 19.9118, -40.0008



241.9320, 6.4425, -13.0954



203.2180, -14.4045, -46.6722



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



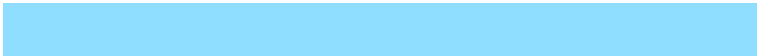
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.6110, 19.9118, -40.0008



202.1410, 26.0595, -51.8667



170.9570, 32.0662, -18.3793



111.9500, 2.4897, -5.2181



95.7700, 42.0184, -83.9903



28.4620, 12.5902, -24.9612

Inverse Universe

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



182.6680, 13.9677, 46.7722



185.4940, 17.9975, 60.9568



215.0430, -32.0662, 18.3793



110.2010, 1.8729, 5.9627



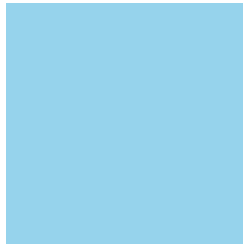
68.7110, 29.2295, 98.4775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 195.6110, 19.9118, -40.0008 looks on a white background.

Color Contrast Check

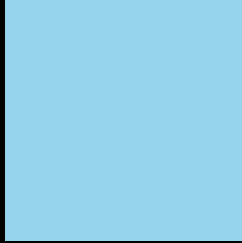
Large Text (above 18pt) WCAG AA × Fail

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 195.6110, 19.9118, -40.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

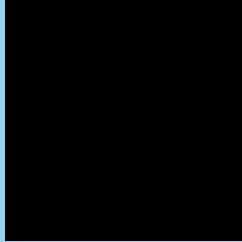
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.6110, 19.9118, -40.0008

Background



This preview shows how black text looks on a background with the YUV color 195.6110, 19.9118, -40.0008.



This preview shows how white text looks on a background with the YUV color 195.6110, 19.9118, -40.0008.

-40.0008.

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

195.6110, 19.9118, -40.0008

Protanopia

202.4090, 13.1094, -4.7437

Deuteranopia

203.5820, 17.4611, -0.5104



Tritanopia

194.8020, 16.8596, -41.0454

Trichromacy



Original Color

195.6110, 19.9118, -40.0008

Protanomaly

200.0160, 15.7681, -17.5540

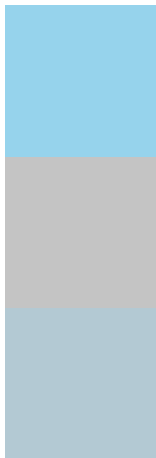
Deuteranomaly

200.7220, 18.3781, -14.6652

Tritanomaly

195.4430, 18.0226, -40.7305

Monochromacy



Original Color

195.6110, 19.9118, -40.0008

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.5620, 7.6109, -14.5249

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6110, 19.9118, -40.0008 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, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(150, 211, 236)  
}
```

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, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 211, 236) }
```

Border

The CSS property to change the border of an element to YUV 195.6110, 19.9118, -40.0008 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, 211, 236) }
```


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

```
.border{ border-color:rgb(150, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(150, 211,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 195.6110, 19.9118, -40.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 211, 236) }
```

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

```
.background{ background-color: rgb(150,  
211, 236) }
```

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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