

Converting Colors

YUV(193.9040, 18.7813,
-50.7818)

Have a look what the booklet for
YUV(193.9040, 18.7813, -50.7818)
contains.

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Color

**YUV(193.9040, 18.7813,
-50.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	88D8E8
RGB	136, 216, 232
RGB Percent	53%, 85%, 91%
CMY	0.4667, 0.1529, 0.0902
CMYK	0.41, 0.07, 0.00, 0.09
HSL	190°, 68%, 72%
HSV	190°, 41%, 91%
XYZ	49.2747, 60.1722, 85.3613
YIQ	193.9040, -52.8160, -11.9840

Conversions

Conversions Part 2

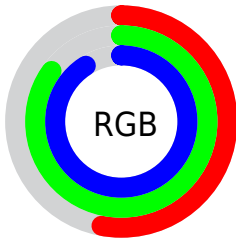
Format	Color
RYB	136, 180, 232
Decimal	8968424
CIELab	81.93, -20.45, -15.57
CIELCh	82, 25.704, 217.276
Yxy	60.1722, 0.2529, 0.3089
Android (android.graphics.Color)	4287158504 (0xFF88D8E8)
YUV	193.9040, 18.7813, -50.7818
Hunter-Lab	77.5707, -22.3615, -10.9451

Details

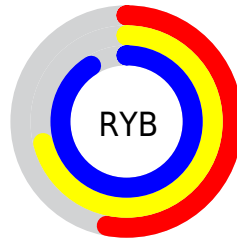
The YUV color **193.9040, 18.7813, -50.7818** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **174.0960, -18.7813, 50.7818**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **138.1920, 18.6393, -51.9114** is the 20% darker color. If you saturate the color by 10%, you get **184.6790, 23.3293, -62.8625**, and if you desaturate by 10%, it is **203.1290, 14.2334, -38.7011**.

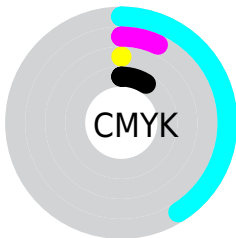
Distribution



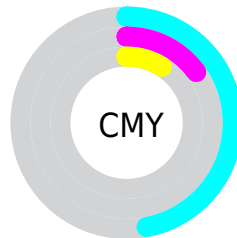
- Red (53%)
- Green (85%)
- Blue (91%)



- Red (53%)
- Yellow (71%)
- Blue (91%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9040, 18.7813, -50.7818 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 193.9040, 18.7813, -50.7818 by changing the saturation by 10% instead.

■ 193.9040, 18.7813,
-50.7818

■ 193.9040, 18.7813,
-50.7818

■ 255.0000, 0.0000,
0.0000

■ 165.9040, 18.7813,
-50.7818

■ 236.4620, 9.1392,
-38.1162

■ 138.1920, 18.6393,
-51.9114

■ 245.1330, 4.8644,
-20.2876

■ 110.9960, 19.2290,
-54.3705

■ 254.1030, 0.4422,
-1.8443

■ 79.0160, 22.1771,
-66.6660

■ 61.1810, 18.6448,
-53.6557

■ 44.3570, 15.1070,
-38.9011

■ 28.8210, 11.4272,

-25.2760

■ 11.7520, 9.4893,
-10.3065

■ 0.4560, 1.7472,
-0.3999

■ 193.9040, 18.7813,
-50.7818

■ 193.9040, 18.7813,
-50.7818

■ 184.6790, 23.3293,
-62.8625

■ 203.1290, 14.2334,
-38.7011

■ 175.4540, 27.8772,
-74.9432

■ 212.3540, 9.6855,
-26.6205

■ 165.9300, 32.5725,
-87.6386

■ 221.8780, 4.9901,
-13.9250

■ 157.2920, 36.8310,
-100.2341

■ 230.5160, 0.7316,
-1.3295

■ 148.0670, 41.3790,
-112.3148

■ 239.7410, -3.8163,
10.7511

■ 139.7390, 45.4847,
-122.5511

■ 242.9860, -5.4161,
10.5363

■ 245.3340, -6.5737,
8.4771

■ 247.6820, -7.7312,
6.4179

■ 250.0300, -8.8888,
4.3587

Harmonies

Analogous

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



193.9510, 7.4192, -46.4380



193.9040, 18.7813, -50.7818



197.4630, 24.4217, -39.8711

Triad

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



193.9040, 18.7813, -50.7818



208.1250, 7.3334, 27.9544



202.1160, -22.7352, 12.1763

Complementary

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



193.9040, 18.7813, -50.7818



174.0960, -18.7813, 50.7818

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.



204.4540, -21.9158, 29.4198



193.9040, 18.7813, -50.7818



207.2160, -4.0505, 39.2756

Square

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



193.9040, 18.7813, -50.7818



206.9250, 17.2920, 7.0818



206.0560, -14.8176, 39.4159



199.1780, -16.8498, -8.9261

Rectangle

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



193.9040, 18.7813, -50.7818



201.5510, 24.3784, -25.9162



206.0560, -14.8176, 39.4159



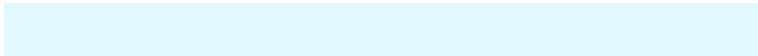
202.7470, -23.0463, 18.6389

Sweetspot

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



193.9040, 18.7813, -50.7818



242.7960, 6.0166, -16.4841



194.1760, -20.7928, -51.0204



120.8570, 3.5215, -9.5216



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.



193.9040, 18.7813, -50.7818



204.7000, 24.7979, -67.2659



165.7280, 32.6721, -26.0715



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



30.4680, 10.1223, -26.7204

Inverse Universe

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



173.8240, 20.7928, 51.0204



178.0570, 27.5799, 67.4790



202.2720, -32.6721, 26.0715



107.7280, 2.5991, 6.3775



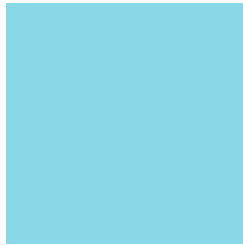
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 193.9040, 18.7813, -50.7818 looks on a white background.

Color Contrast Check

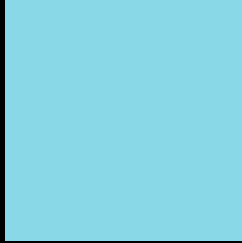
Large Text (above 18pt) WCAG AA × Fail

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 193.9040, 18.7813, -50.7818 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 193.9040, 18.7813, -50.7818

Background



This preview shows how black text looks on a background with the YUV color 193.9040, 18.7813, -50.7818.



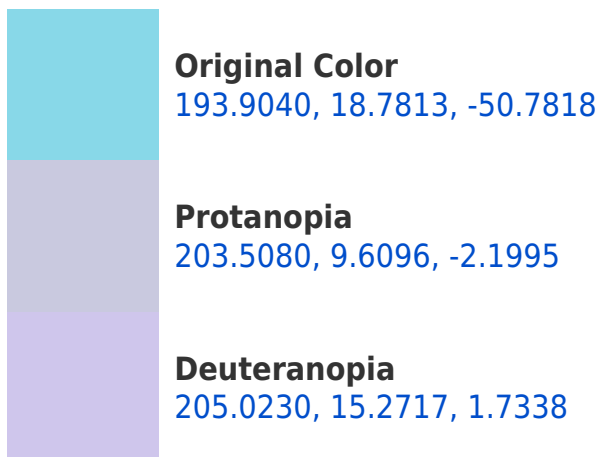
This preview shows how white text looks on a background with the YUV color 193.9040, 18.7813, -50.7818.

-50.7818.

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

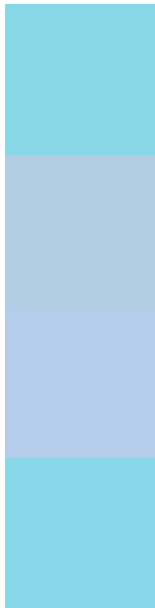




Tritanopia

194.0180, 19.2181, -50.8818

Trichromacy



Original Color

193.9040, 18.7813, -50.7818

Protanomaly

199.6090, 13.0108, -19.8281

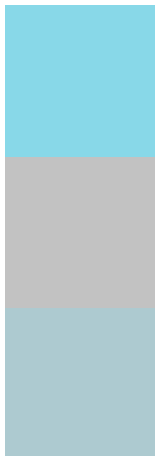
Deuteranomaly

201.2440, 16.6417, -17.7540

Tritanomaly

194.0180, 19.2181, -50.8818

Monochromacy



Original Color

193.9040, 18.7813, -50.7818

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0130, 6.8956, -18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9040, 18.7813, -50.7818 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(136, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(136, 216, 232)  
}
```

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(136, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 216, 232) }
```

Border

The CSS property to change the border of an element to YUV 193.9040, 18.7813, -50.7818 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(136, 216, 232) }
```


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

```
.border{ border-color:rgb(136, 216, 232) }
```

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

Here you see how a box with a 4 pixel rgb(136, 216, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(136, 216,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 193.9040, 18.7813, -50.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 216, 232) }
```

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

```
.background{ background-color: rgb(136,  
216, 232) }
```

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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