

# Converting Colors

YUV(199.9960, 19.2290,  
-54.3705)

Have a look what the booklet for  
YUV(199.9960, 19.2290, -54.3705)  
contains.

<b>YUV(199.9960, 19.2290, -54.3705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(199.9960, 19.2290,  
-54.3705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE0EF
RGB	138, 224, 239
RGB Percent	54%, 88%, 94%
CMY	0.4588, 0.1216, 0.0627
CMYK	0.42, 0.06, 0.00, 0.06
HSL	189°, 76%, 74%
HSV	189°, 42%, 94%
XYZ	52.7169, 64.9466, 91.4188
YIQ	199.9960, -56.0710, -13.5670

# Conversions

## Conversions Part 2

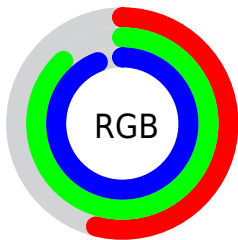
Format	Color
R <sub>Y</sub> B	138, 184, 239
Decimal	9101551
CIE Lab	84.46, -22.19, -15.48
CIE LCh	84, 27.056, 214.895
Yxy	64.9466, 0.2521, 0.3106
Android (android.graphics.Color)	4287291631 (0xFF8AE0EF)
YUV	199.9960, 19.2290, -54.3705
Hunter-Lab	80.5894, -24.2673, -10.8446

# Details

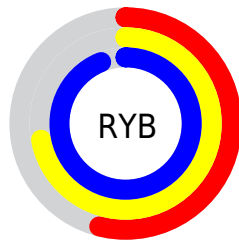
The YUV color **199.9960, 19.2290, -54.3705** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **177.0040, -19.2290, 54.3705**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **143.9850, 19.2344, -56.1148** is the 20% darker color. If you saturate the color by 10%, you get **190.4720, 23.9243, -67.0659**, and if you desaturate by 10%, it is **209.5200, 14.5336, -41.6750**.

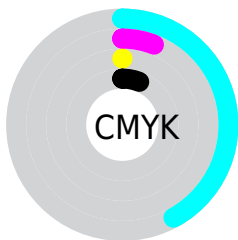
# Distribution



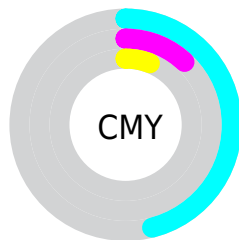
- Red (54%)
- Green (88%)
- Blue (94%)



- Red (54%)
- Yellow (72%)
- Blue (94%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (46%)
- Magenta (12%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.9960, 19.2290, -54.3705 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 199.9960, 19.2290, -54.3705 by changing the saturation by 10% instead.



199.9960, 19.2290,  
-54.3705

199.9960, 19.2290,  
-54.3705

255.0000, 0.0000,  
0.0000

171.6970, 19.3764,  
-54.9853

237.3590, 8.6970,  
-36.2718

143.9850, 19.2344,  
-56.1148

246.0300, 4.4222,  
-18.4433

115.7890, 19.8240,  
-58.5740

82.9120, 23.2144,  
-72.7138

65.3870, 19.5292,  
-57.3444

49.1500, 15.7020,  
-43.1045

33.0270, 12.3117,

-28.9647

■ 18.7790, 8.4900,  
-16.4692

■ 2.1830, 5.8258,  
-1.9145

■ 199.9960, 19.2290,  
-54.3705

■ 199.9960, 19.2290,  
-54.3705

■ 190.4720, 23.9243,  
-67.0659

■ 209.5200, 14.5336,  
-41.6750

■ 181.5350, 28.3302,  
-80.2762

■ 218.4570, 10.1277,  
-28.4648

■ 172.0110, 33.0256,  
-92.9716

■ 227.9810, 5.4324,  
-15.7693

■ 163.0740, 37.4315,  
-106.1819

■ 236.9180, 1.0264,  
-2.5591

■ 153.5500, 42.1268,  
-118.8774

■ 245.5450, -3.2267,  
8.2920

■ 146.9940, 45.3590,  
-128.9137

■ 247.3060, -4.0949,  
6.7476

■ 249.6540, -5.2524,  
4.6884

■ 251.4150, -6.1206,  
3.1440

■ 253.1760, -6.9888,  
1.5996

# Harmonies

## Analogous

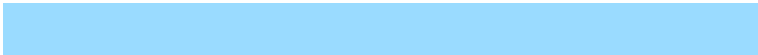
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.8260, 6.9878, -48.0824



199.9960, 19.2290, -54.3705



203.6690, 25.3062, -43.5597

# Triad

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



199.9960, 19.2290, -54.3705



214.8800, 8.9332, 28.1692



209.0840, -24.1984, 14.8353

# Complementary

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



199.9960, 19.2290, -54.3705



177.0040, -19.2290, 54.3705

# 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.



211.5360, -22.9422, 31.9789



199.9960, 19.2290, -54.3705



212.5470, -2.7347, 37.2313

# Square

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



199.9960, 19.2290, -54.3705



213.7830, 19.3340, 5.4523



211.5720, -14.0860, 38.0864



206.0210, -18.7444, -7.9114

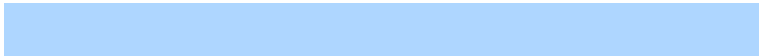


# Rectangle

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



199.9960, 19.2290, -54.3705



206.7140, 23.8050, -28.6902



211.5720, -14.0860, 38.0864



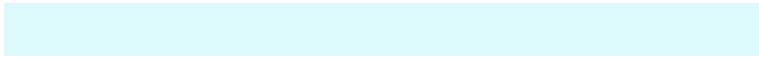
210.3020, -24.7989, 20.7831

# Sweetspot

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



199.9960, 19.2290, -54.3705



242.1980, 6.3114, -17.7136



198.7690, -23.5501, -53.2944



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

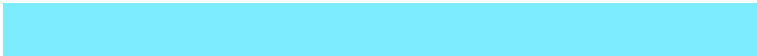


# Same Dimension

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



199.9960, 19.2290, -54.3705



204.9770, 24.6613, -70.1398



171.2330, 33.4091, -29.1453



115.2380, 2.3477, -6.3477



112.5480, 35.2258, -98.7046



34.5600, 10.5699, -30.3091



# Inverse Universe

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



178.0030, 22.6765, 53.4944



176.5240, 29.3217, 68.8235



205.7670, -33.4091, 29.1453



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224

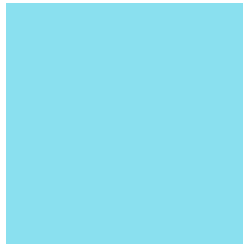


22.2160, 12.7115, 29.6286



# Previews

## White Background



This preview shows how the YUV color 199.9960, 19.2290, -54.3705 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

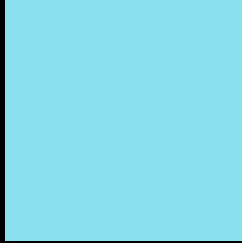
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.9960, 19.2290, -54.3705 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

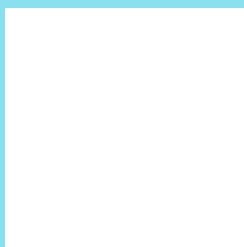
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 199.9960, 19.2290, -54.3705

## Background



This preview shows how black text looks on a background with the YUV color 199.9960, 19.2290, -54.3705.



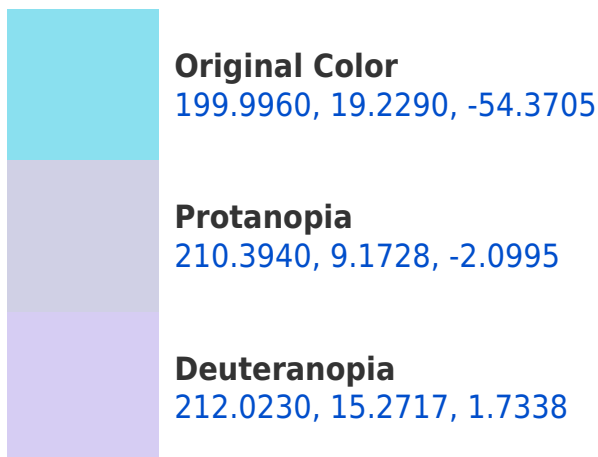
This preview shows how white text looks on a background with the YUV color 199.9960, 19.2290, -54.3705.

-54.3705.

# 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

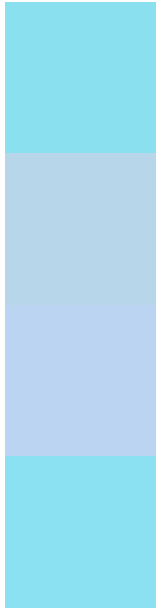




## Tritanopia

200.6370, 20.3920, -54.0556

# Trichromacy



**Original Color**

199.9960, 19.2290, -54.3705

**Protanomaly**

206.8970, 12.8688, -20.9577

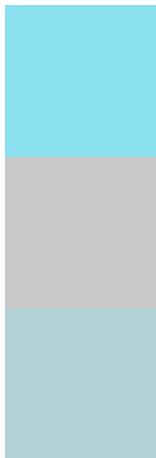
**Deuteranomaly**

207.6460, 16.9365, -18.9835

**Tritanomaly**

200.5230, 19.9552, -53.9557

# Monochromacy



**Original Color**

199.9960, 19.2290, -54.3705

**Achromatopsia**

200.0000, 0.0000, 0.0000

**Achromatomaly**

200.0020, 6.9010, -20.1728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.9960, 19.2290, -54.3705 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(138, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 239)  
}
```

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(138, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 239) }
```

## Border

The CSS property to change the border of an element to YUV 199.9960, 19.2290, -54.3705 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(138, 224, 239) }
```



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

```
.border{ border-color:rgb(138, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 199.9960, 19.2290, -54.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 239) }
```

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

```
.background{ background-color: rgb(138,  
224, 239) }
```

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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