

# Converting Colors

YUV(197.9420, 17.7766,  
-55.2001)

Have a look what the booklet for  
YUV(197.9420, 17.7766, -55.2001)  
contains.

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# Color

**YUV(197.9420, 17.7766,  
-55.2001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87DFEA
RGB	135, 223, 234
RGB Percent	53%, 87%, 92%
CMY	0.4706, 0.1255, 0.0824
CMYK	0.42, 0.05, 0.00, 0.08
HSL	187°, 70%, 72%
HSV	187°, 42%, 92%
XYZ	51.2306, 63.8668, 87.4693
YIQ	197.9420, -55.9790, -15.2350

# Conversions

## Conversions Part 2

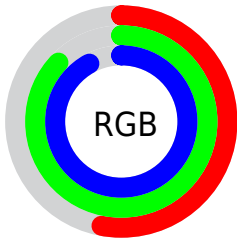
Format	Color
R <sub>Y</sub> B	135, 182, 234
Decimal	8904682
CIE Lab	83.90, -23.68, -13.69
CIE LCh	84, 27.347, 210.030
Yxy	63.8668, 0.2529, 0.3153
Android (android.graphics.Color)	4287094762 (0xFF87DFEA)
YUV	197.9420, 17.7766, -55.2001
Hunter-Lab	79.9167, -25.4267, -8.9516

# Details

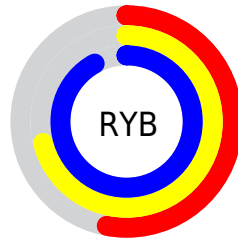
The YUV color **197.9420, 17.7766, -55.2001** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **171.0580, -17.7766, 55.2001**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **141.9310, 17.7820, -56.9445** is the 20% darker color. If you saturate the color by 10%, you get **189.3040, 22.0351, -67.7956**, and if you desaturate by 10%, it is **206.5800, 13.5181, -42.6047**.

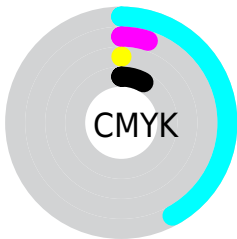
# Distribution



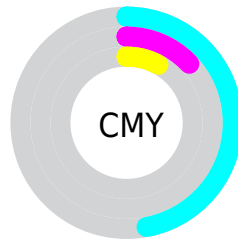
- Red (53%)
- Green (87%)
- Blue (92%)



- Red (53%)
- Yellow (71%)
- Blue (92%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.9420, 17.7766, -55.2001 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 197.9420, 17.7766, -55.2001 by changing the saturation by 10% instead.



197.9420, 17.7766,  
-55.2001

197.9420, 17.7766,  
-55.2001

255.0000, 0.0000,  
0.0000

169.6430, 17.9240,  
-55.8149

236.4620, 9.1392,  
-38.1162

141.9310, 17.7820,  
-56.9445

245.1330, 4.8644,  
-20.2876

113.8490, 18.8084,  
-59.5036

254.1030, 0.4422,  
-1.8443

81.8690, 21.7566,  
-71.7991

64.3440, 18.0714,  
-56.4297

48.1070, 14.2442,  
-42.1898

31.9840, 10.8539,

-28.0500

■ 17.2630, 7.7583,  
-15.1397

■ 0.9120, 3.4944,  
-0.7998

■ 197.9420, 17.7766,  
-55.2001

■ 197.9420, 17.7766,  
-55.2001

■ 189.3040, 22.0351,  
-67.7956

■ 206.5800, 13.5181,  
-42.6047

■ 180.9540, 26.1517,  
-81.5207

■ 214.9300, 9.4015,  
-28.8796

■ 172.3160, 30.4102,  
-94.1161

■ 223.5680, 5.1430,  
-16.2841

■ 163.9660, 34.5268,  
-107.8412

■ 231.9180, 1.0264,  
-2.5591

■ 155.3280, 38.7853,  
-120.4367

■ 240.5560, -3.2321,  
10.0364

■ 148.7720, 42.0174,  
-130.4730

■ 243.2140, -4.5425,  
10.3363

■ 244.3880, -5.1213,  
9.3067

■ 246.1490, -5.9895,  
7.7623

■ 247.3230, -6.5682,  
6.7327

# Harmonies

## Analogous

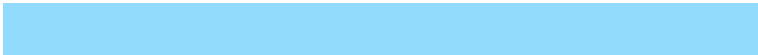
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.8540, 4.5090, -46.3530



197.9420, 17.7766, -55.2001



201.3480, 25.4644, -47.6632

# Triad

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



197.9420, 17.7766, -55.2001



213.9120, 10.3964, 25.5102



207.6930, -24.4986, 17.8092

# Complementary

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



197.9420, 17.7766, -55.2001



171.0580, -17.7766, 55.2001

# 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.



210.3730, -22.3689, 34.7529



197.9420, 17.7766, -55.2001



212.3020, -1.1349, 37.4461

# Square

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



197.9420, 17.7766, -55.2001



211.8040, 20.8026, 1.0489



210.0390, -12.3442, 39.4308



205.0000, -20.2130, -3.5080

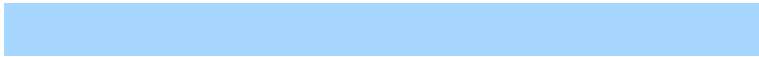


# Rectangle

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



197.9420, 17.7766, -55.2001



204.6210, 24.8368, -32.9936



210.0390, -12.3442, 39.4308



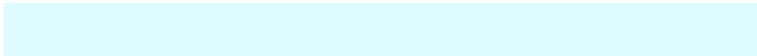
209.0250, -24.6623, 23.6571

# Sweetspot

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



197.9420, 17.7766, -55.2001



242.7850, 6.0220, -18.2284



194.2530, -24.2817, -51.9649



119.9600, 3.9637, -11.3659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

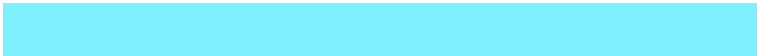


# Same Dimension

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



197.9420, 17.7766, -55.2001



207.9120, 23.2144, -72.7138



169.7660, 31.6674, -30.4898



113.1240, 1.9109, -6.2477



115.1410, 32.4685, -100.9787



34.3320, 9.6963, -30.1092



# Inverse Universe

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



174.6330, 23.8449, 52.0649



177.0940, 31.5057, 68.3236



199.2340, -31.6674, 30.4898



110.4290, 2.7465, 5.7628



72.4730, 43.6438, 95.1782

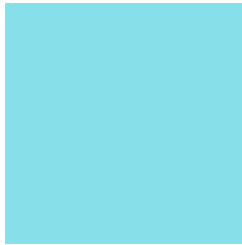


21.6180, 13.0063, 28.3990



# Previews

## White Background



This preview shows how the YUV color 197.9420, 17.7766, -55.2001 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

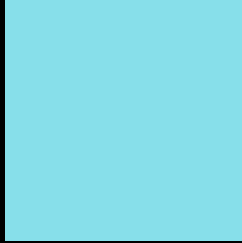
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.9420, 17.7766, -55.2001 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 197.9420, 17.7766, -55.2001

## Background



This preview shows how black text looks on a background with the YUV color 197.9420, 17.7766, -55.2001.



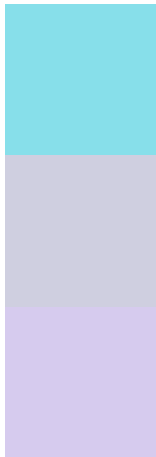
This preview shows how white text looks on a background with the YUV color 197.9420, 17.7766, -55.2001.

-55.2001.

# 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

197.9420, 17.7766, -55.2001

### Protanopia

208.9380, 7.4256, -1.6996

### Deuteranopia

210.2790, 13.6665, 3.2633



## Tritanopia

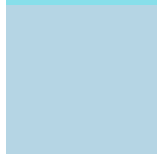
198.6370, 20.3920, -54.0556

# Trichromacy



## Original Color

197.9420, 17.7766, -55.2001



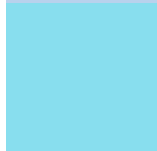
## Protanomaly

205.1420, 11.2690, -21.1725



## Deuteranomaly

205.6030, 15.4787, -18.0688



## Tritanomaly

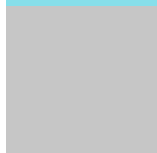
198.1100, 19.6658, -54.4705

# Monochromacy



## Original Color

197.9420, 17.7766, -55.2001



## Achromatopsia

198.0000, 0.0000, 0.0000



## Achromatomaly

197.8880, 6.4642, -20.0728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.9420, 17.7766, -55.2001 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(135, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(135, 223, 234)  
}
```

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(135, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 223, 234) }
```

## Border

The CSS property to change the border of an element to YUV 197.9420, 17.7766, -55.2001 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(135, 223, 234) }
```



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

```
.border{ border-color:rgb(135, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 223, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 223, 234); box-shadow:4px 4px 4px 4px rgb(135, 223, 234) }
```

# Background

The CSS property to change the background color of an element to YUV 197.9420, 17.7766, -55.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 223, 234) }
```

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

```
.background{ background-color: rgb(135,  
223, 234) }
```

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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