

# Converting Colors

YUV(197.5320, 12.5557,  
-107.4606)

Have a look what the booklet for  
YUV(197.5320, 12.5557, -107.4606)  
contains.

<b>YUV(197.5320, 12.5557, -107.4606)</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(197.5320, 12.5557,  
-107.4606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BFFDF
RGB	75, 255, 223
RGB Percent	29%, 100%, 87%
CMY	0.7059, 0.0000, 0.1255
CMYK	0.71, 0.00, 0.13, 0.00
HSL	169°, 100%, 65%
HSV	169°, 71%, 100%
XYZ	51.9809, 78.3436, 82.1942
YIQ	197.5320, -97.0080, -48.1120

# Conversions

## Conversions Part 2

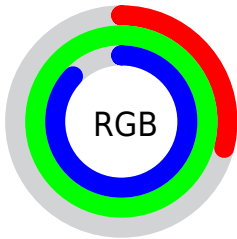
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 174, 255</a>
Decimal	<a href="#">4980703</a>
CIELab	<a href="#">90.94, -52.04, 2.27</a>
CIELCh	<a href="#">91, 52.094, 177.505</a>
Yxy	<a href="#">78.3436, 0.2446, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4283170783 (0xFF4BFFDF)</a>
YUV	<a href="#">197.5320, 12.5557, -107.4606</a>
Hunter-Lab	<a href="#">88.5119, -50.0670, 6.9003</a>

# Details

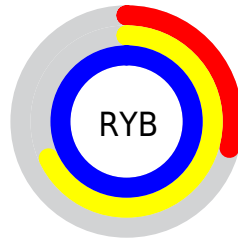
The YUV color **197.5320, 12.5557, -107.4606** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **132.4680, -12.5557, 107.4606**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **134.7910, 16.3720, -118.2117** is the 20% darker color. If you saturate the color by 10%, you get **189.4870, 14.0569, -122.3301**, and if you desaturate by 10%, it is **205.8760, 10.9071, -91.9763**.

# Distribution



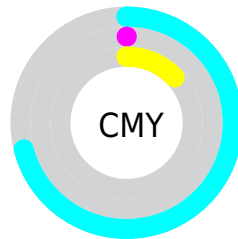
- Red (29%)
- Green (100%)
- Blue (87%)



- Red (29%)
- Yellow (68%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.5320, 12.5557, -107.4606 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 197.5320, 12.5557, -107.4606 by changing the saturation by 10% instead.



197.5320, 12.5557,  
-107.4606

197.5320, 12.5557,  
-107.4606

255.0000, 0.0000,  
0.0000

159.3770, 17.5621,  
-126.6186

222.4090, 16.0674,  
-67.0107

134.7910, 16.3720,  
-118.2117

231.9770, 11.3503,  
-47.3378

115.3910, 13.1182,  
-101.1979

241.5450, 6.6333,  
-27.6650

96.5780, 9.5750,  
-84.6989

250.8140, 2.0637,  
-8.6069

78.5800, 6.6161,  
-68.9147

60.5820, 3.6571,  
-53.1304

43.3990, 1.2823,

-38.0609

■ 28.0910, -1.5239,  
-24.6358

■ 3.5220, -1.7363,  
-3.0888

■ 197.5320, 12.5557,  
-107.4606

■ 197.5320, 12.5557,  
-107.4606

■ 189.4870, 14.0569,  
-122.3301

■ 205.8760, 10.9071,  
-91.9763

■ 181.2570, 16.1423,  
-137.9144

■ 213.8070, 8.9691,  
-77.0067

■ 173.6250, 17.9329,  
-152.2691

■ 222.1510, 7.3206,  
-61.5224

■ 230.0820, 5.3826,  
-46.5529

■ 238.4260, 3.7340,  
-31.0686

■ 246.3570, 1.7960,  
-16.0991

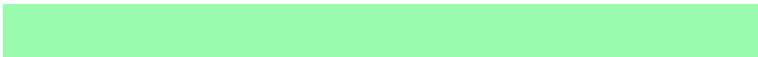
254.7010, 0.1474,  
-0.6148

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



212.6320, -19.0456, -51.4203



197.5320, 12.5557, -107.4606



178.1680, 37.8782, -156.2533

# Triad

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



197.5320, 12.5557, -107.4606



225.2080, 14.6875, 2.4486



214.3980, -33.7202, 35.6080

# Complementary

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



197.5320, 12.5557, -107.4606



132.4680, -12.5557, 107.4606

# 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.



210.7400, -12.1968, 38.8160



197.5320, 12.5557, -107.4606



222.7150, 15.9165, 28.3139

# Square

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



197.5320, 12.5557, -107.4606



209.7720, 22.2974, -58.5590



213.9780, 10.3638, 35.9763



222.9120, -46.7916, 28.1412



# Rectangle

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



197.5320, 12.5557, -107.4606



176.4070, 38.7463, -154.7089



213.9780, 10.3638, 35.9763



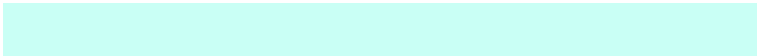
212.7170, -27.4685, 37.0822

# Sweetspot

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



197.5320, 12.5557, -107.4606



237.7140, 3.5920, -32.1982



190.5270, -56.9548, -72.3762



117.7480, 2.0962, -19.0730



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.



197.5320, 12.5557, -107.4606



185.6710, 14.9522, -129.5075



167.7210, 43.0285, -81.3163



123.7710, 0.6059, -7.6922



130.0150, 13.3036, -114.0232



43.4960, 4.1925, -38.1460



# Inverse Universe

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



132.4680, -12.5557, 107.4606



107.3290, -14.9522, 129.5075



162.2790, -43.0285, 81.3163



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232

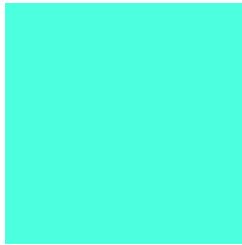


20.3900, -4.6293, 38.2460



# Previews

## White Background



This preview shows how the YUV color 197.5320, 12.5557, -107.4606 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

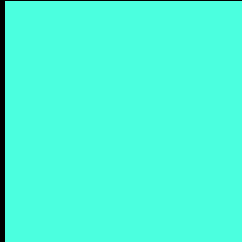
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.5320, 12.5557, -107.4606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

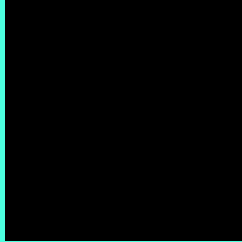
Any Text WCAG AA ✓ Pass

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 197.5320, 12.5557, -107.4606 Background**



This preview shows how black text looks on a background with the YUV color 197.5320, 12.5557, -107.4606.



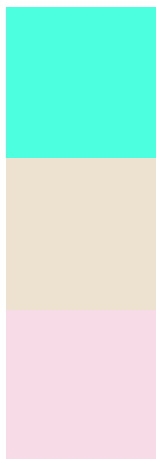
This preview shows how white text looks on a background with the YUV color 197.5320, 12.5557, -107.4606.

-107.4606.

# 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

197.5320, 12.5557, -107.4606

### Protanopia

226.8240, -9.7732, 8.0474

### Deuteranopia

229.3270, 0.8248, 15.4992



## Tritanopia

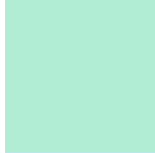
217.7790, 18.3500, -52.4262

# Trichromacy



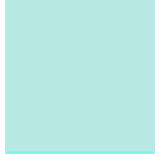
## Original Color

197.5320, 12.5557, -107.4606



## Protanomaly

216.3240, -1.6387, -34.4871



## Deuteranomaly

217.7790, 5.0390, -29.6242



## Tritanomaly

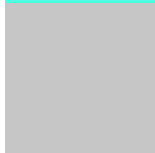
210.3760, 16.0836, -72.2438

# Monochromacy



## Original Color

197.5320, 12.5557, -107.4606



## Achromatopsia

198.0000, 0.0000, 0.0000



## Achromatomaly

197.8980, 4.4873, -39.3755

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.5320, 12.5557, -107.4606 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(75, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(75, 255, 223)  
}
```

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(75, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 255, 223) }
```

## Border

The CSS property to change the border of an element to YUV 197.5320, 12.5557, -107.4606 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(75, 255, 223) }
```



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

```
.border{ border-color:rgb(75, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(75, 255,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 197.5320, 12.5557, -107.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 255, 223) }
```

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

```
.background{ background-color: rgb(75, 255,  
223) }
```

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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