

# Converting Colors

YUV(187.1370, 28.5265,  
-96.5901)

Have a look what the booklet for  
YUV(187.1370, 28.5265, -96.5901)  
contains.

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# Color

**YUV(187.1370, 28.5265,  
-96.5901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DE8F5
RGB	77, 232, 245
RGB Percent	30%, 91%, 96%
CMY	0.6980, 0.0902, 0.0392
CMYK	0.69, 0.05, 0.00, 0.04
HSL	185°, 89%, 63%
HSV	185°, 69%, 96%
XYZ	48.3986, 65.8836, 96.5521
YIQ	187.1370, -96.5530, -28.8170

# Conversions

## Conversions Part 2

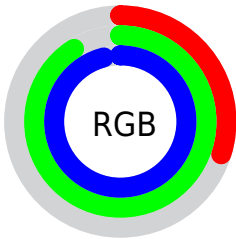
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 158, 245
Decimal	5105909
CIELab	84.94, -35.80, -18.12
CIELCh	85, 40.125, 206.840
Yxy	65.8836, 0.2296, 0.3125
Android (android.graphics.Color)	4283295989 (0xFF4DE8F5)
YUV	187.1370, 28.5265, -96.5901
Hunter-Lab	81.1687, -35.6107, -13.7088

# Details

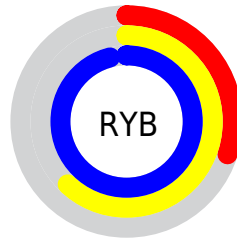
The YUV color **187.1370, 28.5265, -96.5901** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **134.8630, -28.5265, 96.5901**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **124.8580, 31.6220, -109.5005** is the 20% darker color. If you saturate the color by 10%, you get **178.4880, 32.7904, -110.9300**, and if you desaturate by 10%, it is **195.4870, 24.4099, -82.8651**.

# Distribution



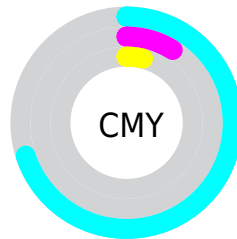
- Red (30%)
- Green (91%)
- Blue (96%)



- Red (30%)
- Yellow (62%)
- Blue (96%)



- Cyan (69%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (70%)
- Magenta (9%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.1370, 28.5265, -96.5901 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 187.1370, 28.5265, -96.5901 by changing the saturation by 10% instead.



187.1370, 28.5265,  
-96.5901

187.1370, 28.5265,  
-96.5901

255.0000, 0.0000,  
0.0000

151.9610, 32.0642,  
-111.3448

222.4090, 16.0674,  
-67.0107

124.8580, 31.6220,  
-109.5005

231.9770, 11.3503,  
-47.3378

105.9310, 27.6420,  
-92.9015

241.2460, 6.7807,  
-28.2797

87.7050, 23.8094,  
-76.9173

250.8140, 2.0637,  
-8.6069

69.4790, 19.9769,  
-60.9331

52.6550, 16.4391,  
-46.1784

35.9450, 13.3381,

-31.5238

■ 20.5230, 10.0952,  
-17.9987

■ 2.8670, 8.4466,  
-2.5144

■ 187.1370, 28.5265,  
-96.5901

■ 187.1370, 28.5265,  
-96.5901

■ 178.4880, 32.7904,  
-110.9300

■ 195.4870, 24.4099,  
-82.8651

■ 170.1380, 36.9070,  
-124.6550

■ 204.1360, 20.1460,  
-68.5253

■ 161.4890, 41.1709,  
-138.9949

■ 212.4860, 16.0294,  
-54.8002

■ 160.5920, 41.6131,  
-140.8392

■ 221.1350, 11.7654,  
-40.4604

■ 228.8980, 7.9383,  
-26.2205

■ 237.5470, 3.6743,  
-11.8807

■ 246.1960, -0.5896,  
2.4591

■ 249.1640, -2.0529,  
5.1182

■ 250.3380, -2.6316,  
4.0886

# Harmonies

## Analogous

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



193.2700, 6.7689, -71.2738



187.1370, 28.5265, -96.5901



191.0230, 31.5407, -83.3352

# Triad

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



187.1370, 28.5265, -96.5901



217.3180, 18.0842, 33.0471



209.9580, -36.4613, 28.1008

# Complementary

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



187.1370, 28.5265, -96.5901



134.8630, -28.5265, 96.5901

# 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.



207.8100, -28.5003, 41.3856



187.1370, 28.5265, -96.5901



209.1050, 4.3852, 40.2499

# Square

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



187.1370, 28.5265, -96.5901



211.9070, 21.2448, -0.7954



205.3600, -12.5025, 43.5343



206.1390, -31.1275, -2.7529

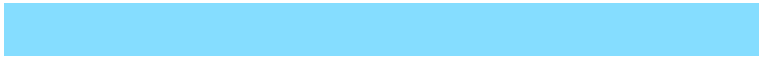


# Rectangle

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



187.1370, 28.5265, -96.5901



198.5640, 27.8229, -57.4996



205.3600, -12.5025, 43.5343



211.2410, -35.6148, 36.6226

# Sweetspot

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



187.1370, 28.5265, -96.5901



236.5060, 9.1175, -31.1388



176.8700, -43.8129, -87.5860



116.6710, 5.5852, -18.1285



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.



187.1370, 28.5265, -96.5901



183.1170, 35.4383, -120.2516



139.0030, 52.2565, -54.3766



117.8250, 2.0583, -6.8625



122.1680, 31.4692, -107.1413



38.4240, 10.1440, -33.6978



# Inverse Universe

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



144.9020, 42.9393, 87.7859



130.4930, 53.4940, 109.1926



182.9970, -52.2565, 54.3766



114.8420, 3.0359, 6.2776



75.2220, 47.7116, 97.1523

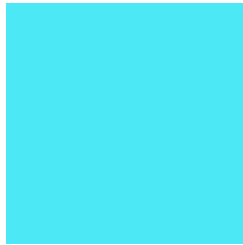


23.7970, 14.8901, 30.8730



# Previews

## White Background



This preview shows how the YUV color 187.1370, 28.5265, -96.5901 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

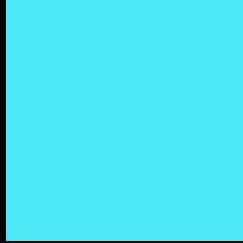
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.1370, 28.5265, -96.5901 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 187.1370, 28.5265, -96.5901 Background



This preview shows how black text looks on a background with the YUV color 187.1370, 28.5265, -96.5901.



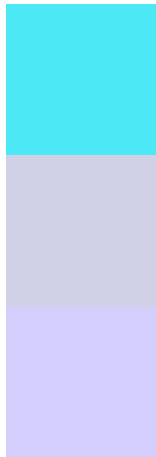
This preview shows how white text looks on a background with the YUV color 187.1370, 28.5265, -96.5901.

-96.5901.

# 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

187.1370, 28.5265, -96.5901

### Protanopia

211.0950, 9.3202, -2.7143

### Deuteranopia

212.6250, 18.9189, -1.4251



## Tritanopia

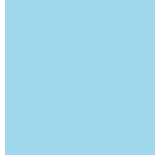
188.0170, 30.5576, -94.7309

# Trichromacy



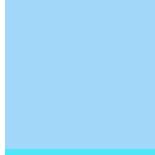
## Original Color

187.1370, 28.5265, -96.5901



## Protanomaly

202.0090, 16.2646, -36.8419



## Deuteranomaly

203.0290, 22.6637, -35.9824



## Tritanomaly

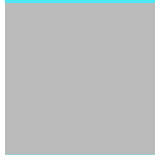
187.4900, 29.8314, -95.1457

# Monochromacy



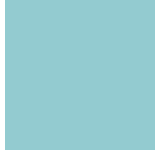
## Original Color

187.1370, 28.5265, -96.5901



## Achromatopsia

187.0000, 0.0000, 0.0000



## Achromatomaly

186.8260, 10.4388, -34.9274

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.1370, 28.5265, -96.5901 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(77, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(77, 232, 245)  
}
```

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(77, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 232, 245) }
```

## Border

The CSS property to change the border of an element to YUV 187.1370, 28.5265, -96.5901 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(77, 232, 245) }
```



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

```
.border{ border-color:rgb(77, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(77, 232,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 187.1370, 28.5265, -96.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 232, 245) }
```

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

```
.background{ background-color: rgb(77, 232,  
245) }
```

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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