

Converting Colors

YUV(188.5390, 28.8213,
-97.8197)

Have a look what the booklet for
YUV(188.5390, 28.8213, -97.8197)
contains.

YUV(188.5390, 28.8213, -97.8197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.5390, 28.8213,
-97.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	4DEAF7
RGB	77, 234, 247
RGB Percent	30%, 92%, 97%
CMY	0.6980, 0.0824, 0.0314
CMYK	0.69, 0.05, 0.00, 0.03
HSL	185°, 91%, 64%
HSV	185°, 69%, 97%
XYZ	49.2719, 67.1388, 98.3579
YIQ	188.5390, -97.7450, -29.2410

Conversions

Conversions Part 2

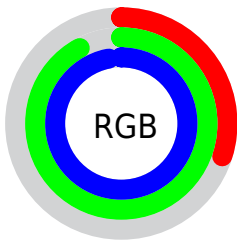
Format	Color
RYB	77, 159, 247
Decimal	5106423
CIELab	85.57, -36.16, -18.21
CIElCh	86, 40.486, 206.727
Yxy	67.1388, 0.2294, 0.3126
Android (android.graphics.Color)	4283296503 (0xFF4DEAF7)
YUV	188.5390, 28.8213, -97.8197
Hunter-Lab	81.9383, -36.0547, -13.8143

Details

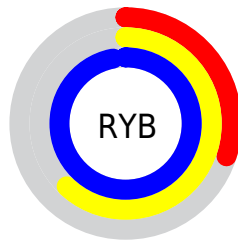
The YUV color **188.5390, 28.8213, -97.8197** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **135.4610, -28.8213, 97.8197**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **126.2600, 31.9168, -110.7300** is the 20% darker color. If you saturate the color by 10%, you get **179.8900, 33.0852, -112.1595**, and if you desaturate by 10%, it is **197.1880, 24.5573, -83.4799**.

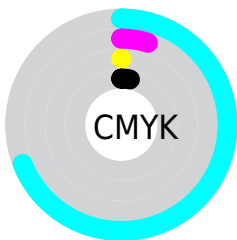
Distribution



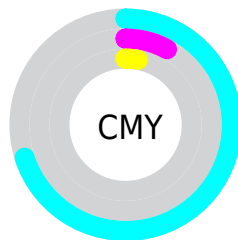
- Red (30%)
- Green (92%)
- Blue (97%)



- Red (30%)
- Yellow (62%)
- Blue (97%)



- Cyan (69%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (70%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5390, 28.8213, -97.8197 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 188.5390, 28.8213, -97.8197 by changing the saturation by 10% instead.

188.5390, 28.8213,
-97.8197

188.5390, 28.8213,
-97.8197

255.0000, 0.0000,
0.0000

152.9500, 32.0697,
-113.0891

222.4090, 16.0674,
-67.0107

126.2600, 31.9168,
-110.7300

231.9770, 11.3503,
-47.3378

107.3330, 27.9368,
-94.1310

241.5450, 6.6333,
-27.6650

88.4060, 23.9568,
-77.5321

250.8140, 2.0637,
-8.6069

70.8810, 20.2717,
-62.1626

53.3560, 16.5865,
-46.7932

37.2330, 13.1961,

-32.6533

■ 21.8110, 9.9532,
-19.1282

■ 3.0950, 9.3202,
-2.7143

■ 188.5390, 28.8213,
-97.8197

■ 188.5390, 28.8213,
-97.8197

■ 179.8900, 33.0852,
-112.1595

■ 197.1880, 24.5573,
-83.4799

■ 171.5400, 37.2018,
-125.8846

■ 205.5380, 20.4408,
-69.7548

■ 162.8910, 41.4657,
-140.2244

■ 214.1870, 16.1768,
-55.4150

■ 161.9940, 41.9080,
-142.0687

■ 222.8360, 11.9129,
-41.0752

■ 230.8980, 7.9383,
-26.2205

■ 239.2480, 3.8217,
-12.4955

■ 247.8970, -0.4422,
1.8443

■ 250.5660, -1.7580,
3.8886

■ 251.7400, -2.3368,
2.8590

Harmonies

Analogous

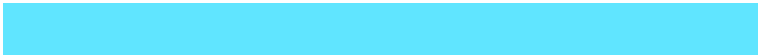
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.8570, 6.4795, -71.7886



188.5390, 28.8213, -97.8197



192.1970, 30.9619, -84.3648

Triad

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



188.5390, 28.8213, -97.8197



218.0190, 18.2316, 32.4323



211.8440, -36.8981, 28.2008

Complementary

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



188.5390, 28.8213, -97.8197



135.4610, -28.8213, 97.8197

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.



209.0980, -28.6423, 40.2561



188.5390, 28.8213, -97.8197



209.9200, 4.9694, 39.5352

Square

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



188.5390, 28.8213, -97.8197



213.6790, 20.3713, -0.5955



206.6480, -12.6445, 42.4047



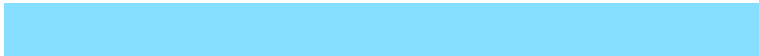
207.7260, -31.4169, -3.2677

Rectangle

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



188.5390, 28.8213, -97.8197



200.0370, 27.0968, -57.9144



206.6480, -12.6445, 42.4047



213.1270, -36.0516, 36.7226

Sweetspot

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



188.5390, 28.8213, -97.8197



236.5060, 9.1175, -31.1388



178.0440, -44.3917, -88.6156



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.



188.5390, 28.8213, -97.8197



182.2200, 35.8805, -122.0959



139.8180, 52.8407, -55.0914



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.



145.7280, 43.5181, 88.8155



128.7320, 54.3621, 110.7370



184.1820, -52.8407, 55.0914



114.8420, 3.0359, 6.2776



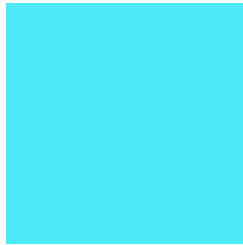
75.2220, 47.7116, 97.1523



23.7970, 14.8901, 30.8730

Previews

White Background



This preview shows how the YUV color 188.5390, 28.8213, -97.8197 looks on a white background.

Color Contrast Check

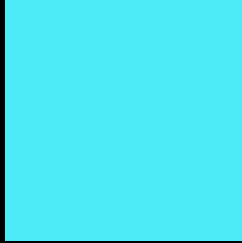
Large Text (above 18pt) WCAG AA × Fail

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 188.5390, 28.8213, -97.8197 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 188.5390, 28.8213, -97.8197 Background



This preview shows how black text looks on a background with the YUV color 188.5390, 28.8213, -97.8197.

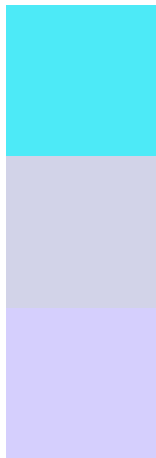


This preview shows how white text looks on a background with the YUV color 188.5390, 28.8213, -97.8197.

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

188.5390, 28.8213, -97.8197

Protanopia

213.0950, 9.3202, -2.7143

Deuteranopia

214.0380, 19.2083, -0.9103



Tritanopia

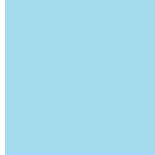
189.4190, 30.8524, -95.9605

Trichromacy



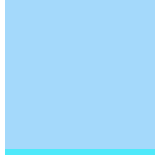
Original Color

188.5390, 28.8213, -97.8197



Protanomaly

204.0090, 16.2646, -36.8419



Deuteranomaly

205.0290, 22.6637, -35.9824



Tritanomaly

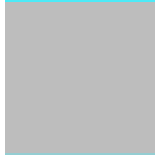
188.8920, 30.1262, -96.3753

Monochromacy



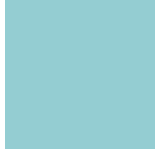
Original Color

188.5390, 28.8213, -97.8197



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.5270, 10.5862, -35.5422

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5390, 28.8213, -97.8197 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, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(77, 234, 247)  
}
```

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, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 234, 247) }
```

Border

The CSS property to change the border of an element to YUV 188.5390, 28.8213, -97.8197 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, 234, 247) }
```


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

```
.border{ border-color:rgb(77, 234, 247) }
```

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

Here you see how a box with a 4 pixel rgb(77, 234, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(77, 234,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 188.5390, 28.8213, -97.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 234, 247) }
```

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

```
.background{ background-color: rgb(77, 234,  
247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor