

Converting Colors

YUV(186.3110, 27.9477,
-97.6197)

Have a look what the booklet for
YUV(186.3110, 27.9477, -97.6197)
contains.

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Color

**YUV(186.3110, 27.9477,
-97.6197)**

Conversions

Conversions Part 1

Format	Color
Hex	4BE8F3
RGB	75, 232, 243
RGB Percent	29%, 91%, 95%
CMY	0.7059, 0.0902, 0.0471
CMYK	0.69, 0.05, 0.00, 0.05
HSL	184°, 87%, 62%
HSV	184°, 69%, 95%
XYZ	47.9359, 65.6801, 94.9451
YIQ	186.3110, -97.1030, -29.8630

Conversions

Conversions Part 2

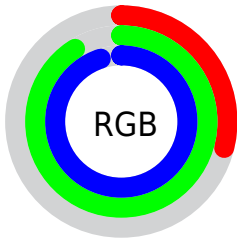
Format	Color
R _Y B	75, 156, 243
Decimal	4974835
CIE Lab	84.83, -36.63, -17.22
CIE LCh	85, 40.477, 205.183
Yxy	65.6801, 0.2298, 0.3149
Android (android.graphics.Color)	4283164915 (0xFF4BE8F3)
YUV	186.3110, 27.9477, -97.6197
Hunter-Lab	81.0433, -36.2456, -12.7300

Details

The YUV color **186.3110, 27.9477, -97.6197** 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 **131.6890, -27.9477, 97.6197**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **124.6300, 30.7484, -109.3005** is the 20% darker color. If you saturate the color by 10%, you get **177.9610, 32.0642, -111.3448**, and if you desaturate by 10%, it is **194.6610, 23.8311, -83.8947**.

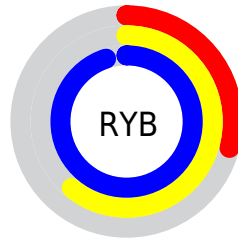
Distribution



Red (29%)

Green (91%)

Blue (95%)



Red (29%)

Yellow (61%)

Blue (95%)

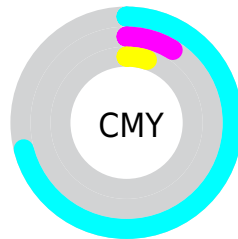


Cyan (69%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3110, 27.9477, -97.6197 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 186.3110, 27.9477, -97.6197 by changing the saturation by 10% instead.

186.3110, 27.9477,
-97.6197

186.3110, 27.9477,
-97.6197

255.0000, 0.0000,
0.0000

150.2380, 31.9277,
-114.2187

222.1100, 16.2148,
-67.6255

124.6300, 30.7484,
-109.3005

231.3790, 11.6452,
-48.5674

105.7030, 26.7684,
-92.7015

240.9470, 6.9281,
-28.8945

86.8900, 23.2252,
-76.2025

250.2160, 2.3585,
-9.8364

69.2510, 19.1033,
-60.7331

51.8400, 15.8549,
-45.4637

35.7170, 12.4645,

-31.3238

■ 20.2950, 9.2216,
-17.7987

■ 2.6390, 7.5730,
-2.3144

■ 186.3110, 27.9477,
-97.6197

■ 186.3110, 27.9477,
-97.6197

■ 177.9610, 32.0642,
-111.3448

■ 194.6610, 23.8311,
-83.8947

■ 169.8990, 36.0388,
-126.1994

■ 202.7230, 19.8566,
-69.0401

■ 161.5490, 40.1553,
-139.9245

■ 211.0730, 15.7400,
-55.3150

■ 160.9510, 40.4502,
-141.1540

■ 218.8360, 11.9129,
-41.0752

■ 227.1860, 7.7963,
-27.3501

■ 235.8350, 3.5323,
-13.0103

■ 243.5980, -0.2948,
1.2296

■ 247.7620, -2.3477,
6.3477

■ 248.3490, -2.6371,
5.8329

Harmonies

Analogous

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



193.2270, 5.3111, -70.3591



186.3110, 27.9477, -97.6197



189.5280, 32.2777, -86.4091

Triad

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



186.3110, 27.9477, -97.6197



217.1330, 18.6684, 32.3324



209.5560, -36.7561, 29.3304

Complementary

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



186.3110, 27.9477, -97.6197



131.6890, -27.9477, 97.6197

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.



207.2230, -28.2109, 41.9004



186.3110, 27.9477, -97.6197



208.7460, 5.5482, 40.5648

Square

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



186.3110, 27.9477, -97.6197



211.0100, 21.6871, -2.6398



205.4740, -12.0657, 43.4343



205.7370, -31.4223, -1.5233

Rectangle

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



186.3110, 27.9477, -97.6197



197.0690, 28.5600, -60.5735



205.4740, -12.0657, 43.4343



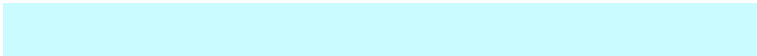
210.8390, -35.9096, 37.8522

Sweetspot

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



186.3110, 27.9477, -97.6197



236.5060, 9.1175, -31.1388



174.5280, -45.1233, -87.2861



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.



186.3110, 27.9477, -97.6197



183.3940, 35.3018, -123.1255



138.7640, 51.3883, -55.9210



118.4120, 1.7689, -7.3773



123.3420, 30.8904, -108.1709



39.0110, 9.8546, -34.2126

Inverse Universe

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



143.1300, 43.8129, 87.5860



128.9600, 55.2357, 110.5371



179.2360, -51.3883, 55.9210



114.9560, 3.4727, 6.1776



75.4500, 48.5851, 96.9523



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 186.3110, 27.9477, -97.6197 looks on a white background.

Color Contrast Check

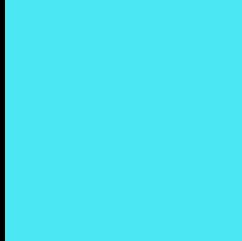
Large Text (above 18pt) WCAG AA × Fail

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 186.3110, 27.9477, -97.6197 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 186.3110, 27.9477, -97.6197 Background



This preview shows how black text looks on a background with the YUV color 186.3110, 27.9477, -97.6197.

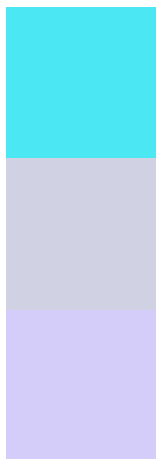


This preview shows how white text looks on a background with the YUV color 186.3110, 27.9477, -97.6197.

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

186.3110, 27.9477, -97.6197

Protanopia

211.1660, 8.2992, -1.8996

Deuteranopia

212.1090, 18.1873, -0.0956



Tritanopia

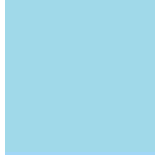
187.7180, 30.7050, -95.3457

Trichromacy



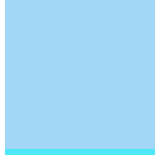
Original Color

186.3110, 27.9477, -97.6197



Protanomaly

201.7810, 15.3910, -36.6419



Deuteranomaly

202.8010, 21.7901, -35.7825



Tritanomaly

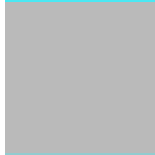
187.0770, 29.5420, -95.6605

Monochromacy



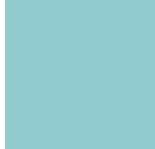
Original Color

186.3110, 27.9477, -97.6197



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.4130, 10.1494, -35.4422

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3110, 27.9477, -97.6197 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, 232, 243)` looks like.

```
.text, #text, p{  
    color:rgb(75, 232, 243)  
}
```

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, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 232, 243) }
```

Border

The CSS property to change the border of an element to YUV 186.3110, 27.9477, -97.6197 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, 232, 243) }
```


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

```
.border{ border-color:rgb(75, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(75, 232,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 186.3110, 27.9477, -97.6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 232, 243) }
```

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

```
.background{ background-color: rgb(75, 232,  
243) }
```

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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