

Converting Colors

YUV(186.1620, 30.4861,
-118.5371)

Have a look what the booklet for
YUV(186.1620, 30.4861, -118.5371)
contains.

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Color

**YUV(186.1620, 30.4861,
-118.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	33F3F8
RGB	51, 243, 248
RGB Percent	20%, 95%, 97%
CMY	0.8000, 0.0471, 0.0275
CMYK	0.79, 0.02, 0.00, 0.03
HSL	182°, 93%, 59%
HSV	182°, 79%, 97%
XYZ	50.3591, 71.5823, 99.9695
YIQ	186.1620, -116.0370, -39.1490

Conversions

Conversions Part 2

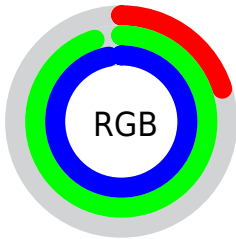
Format	Color
R _Y B	51, 148, 248
Decimal	3404792
CIE Lab	87.77, -42.68, -15.48
CIE LCh	88, 45.401, 199.932
Yxy	71.5823, 0.2269, 0.3226
Android (android.graphics.Color)	4281594872 (0xFF33F3F8)
YUV	186.1620, 30.4861, -118.5371
Hunter-Lab	84.6063, -41.8149, -10.8317

Details

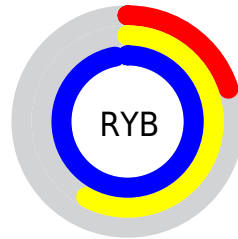
The YUV color **186.1620, 30.4861, -118.5371** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **112.8380, -30.4861, 118.5371**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2230, 18.1311, -75.6176**, and **131.0700, 30.0385, -114.9484** is the 20% darker color. If you saturate the color by 10%, you get **178.1000, 34.4607, -133.3917**, and if you desaturate by 10%, it is **194.2240, 26.5116, -103.6824**.

Distribution



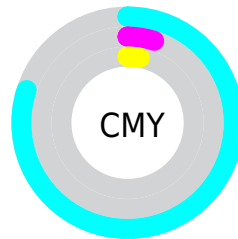
- Red (20%)
- Green (95%)
- Blue (97%)



- Red (20%)
- Yellow (58%)
- Blue (97%)



- Cyan (79%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (80%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1620, 30.4861, -118.5371 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 186.1620, 30.4861, -118.5371 by changing the saturation by 10% instead.

186.1620, 30.4861,
-118.5371

186.1620, 30.4861,
-118.5371

255.0000, 0.0000,
0.0000

150.5840, 33.7291,
-132.0622

218.2230, 18.1311,
-75.6176

131.0700, 30.0385,
-114.9484

228.3890, 13.1192,
-54.7152

112.1430, 26.0585,
-98.3494

237.9570, 8.4022,
-35.0423

93.2160, 22.0785,
-81.7504

247.8240, 3.5378,
-14.7546

75.1040, 18.6827,
-65.8662

57.5790, 14.9976,
-50.4968

40.8690, 11.8966,

-35.8421

■ 25.4470, 8.6536,
-22.3170

■ 3.2090, 9.7570,
-2.8143

■ 186.1620, 30.4861,
-118.5371

■ 186.1620, 30.4861,
-118.5371

■ 178.1000, 34.4607,
-133.3917

■ 194.2240, 26.5116,
-103.6824


■ 170.6250, 38.1459,
-148.7611


■ 201.6990, 22.8264,
-88.3130


■ 170.3260, 38.2933,
-149.3759

■ 209.4620, 18.9992,
-74.0732

■ 217.5240, 15.0247,
-59.2185

 224.9990, 11.3395,
-43.8491

 233.0610, 7.3649,
-28.9945

 240.5360, 3.6798,
-13.6251

 248.2990, -0.1474,
0.6148

 250.6800, -1.3212,
3.7886

Harmonies

Analogous

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



199.3960, 2.2698, -74.8923



186.1620, 30.4861, -118.5371



185.8080, 34.1117, -114.7186

Triad

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



186.1620, 30.4861, -118.5371



222.1280, 16.2059, 28.8287



216.0790, -39.9719, 34.1337

Complementary

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



186.1620, 30.4861, -118.5371



112.8380, -30.4861, 118.5371

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.



210.2550, -26.7477, 39.2414



186.1620, 30.4861, -118.5371



213.5050, 11.0900, 36.3911

Square

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



186.1620, 30.4861, -118.5371



215.6840, 19.3828, -10.2469



208.6030, -7.6923, 40.6902



213.7610, -37.8432, 4.5946

Rectangle

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



186.1620, 30.4861, -118.5371



197.5350, 28.3302, -80.2762



208.6030, -7.6923, 40.6902



213.6000, -36.7778, 36.3078

Sweetspot

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



186.1620, 30.4861, -118.5371



235.5870, 9.5706, -36.4718



166.9810, -55.6996, -101.7153



116.3500, 5.7435, -22.2319



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.



186.1620, 30.4861, -118.5371



179.1200, 37.4088, -145.6872



129.2230, 58.5571, -68.6016



121.1130, 1.9163, -7.9921



129.5540, 29.3069, -113.6189



42.1740, 9.2812, -36.9866

Inverse Universe

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



131.7910, 54.8260, 101.9153



112.2620, 67.4118, 125.1812



169.7770, -58.5571, 68.6016



117.3690, 3.7621, 6.6924



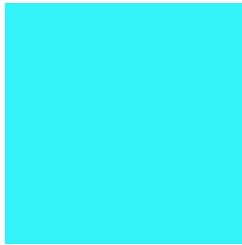
77.4870, 52.5109, 97.7969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 186.1620, 30.4861, -118.5371 looks on a white background.

Color Contrast Check

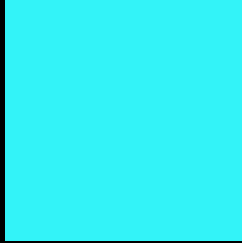
Large Text (above 18pt) WCAG AA × Fail

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 186.1620, 30.4861, -118.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

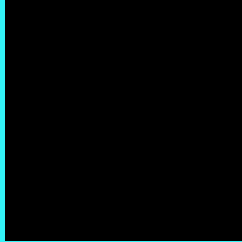
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

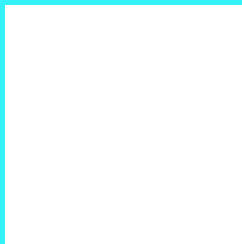
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.1620, 30.4861, -118.5371 Background



This preview shows how black text looks on a background with the YUV color 186.1620, 30.4861, -118.5371.

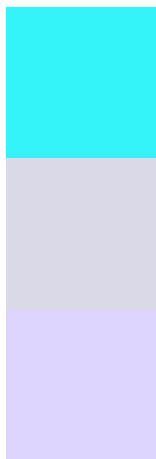


This preview shows how white text looks on a background with the YUV color 186.1620, 30.4861, -118.5371.

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

186.1620, 30.4861, -118.5371

Protanopia

219.0090, 6.4046, -0.8849

Deuteranopia

220.4790, 17.0189, 1.3339



Tritanopia

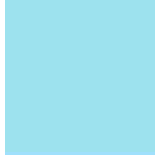
200.1710, 27.0307, -83.4650

Trichromacy



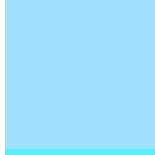
Original Color

186.1620, 30.4861, -118.5371



Protanomaly

206.7370, 15.4127, -43.6193



Deuteranomaly

208.0560, 21.6644, -42.1451



Tritanomaly

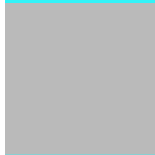
195.0230, 28.0897, -96.4902

Monochromacy



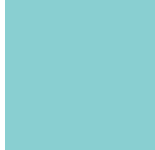
Original Color

186.1620, 30.4861, -118.5371



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.2980, 11.1921, -43.2343

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1620, 30.4861, -118.5371 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(51, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(51, 243, 248)  
}
```

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(51, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 243, 248) }
```

Border

The CSS property to change the border of an element to YUV 186.1620, 30.4861, -118.5371 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(51, 243, 248) }
```


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

```
.border{ border-color:rgb(51, 243, 248) }
```

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

Here you see how a box with a 4 pixel rgb(51, 243, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(51, 243,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 186.1620, 30.4861, -118.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 243, 248) }
```

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

```
.background{ background-color: rgb(51, 243,  
248) }
```

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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