

Converting Colors

YUV(186.0420, 16.2483,
-31.6088)

Have a look what the booklet for
YUV(186.0420, 16.2483, -31.6088)
contains.

YUV(186.0420, 16.2483, -31.6088)	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(186.0420, 16.2483,
-31.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	96C6DB
RGB	150, 198, 219
RGB Percent	59%, 78%, 86%
CMY	0.4118, 0.2235, 0.1412
CMYK	0.32, 0.10, 0.00, 0.14
HSL	198°, 49%, 72%
HSV	198°, 32%, 86%
XYZ	45.5579, 51.9867, 74.6511
YIQ	186.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

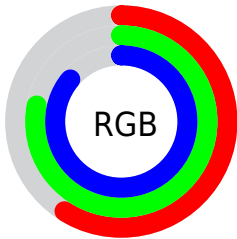
Format	Color
RYB	150, 178, 219
Decimal	9881307
CIELab	77.27, -10.74, -15.54
CIELCh	77, 18.888, 235.360
Yxy	51.9867, 0.2646, 0.3019
Android (android.graphics.Color)	4288071387 (0xFF96C6DB)
YUV	186.0420, 16.2483, -31.6088
Hunter-Lab	72.1018, -13.3918, -10.9151

Details

The YUV color $186.0420, 16.2483, -31.6088$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $182.9580, -16.2483, 31.6088$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3490, 7.2229, -30.1241$, and $132.2270, 15.6641, -30.8941$ is the 20% darker color. If you saturate the color by 10%, you get $175.3550, 21.5170, -41.5303$, and if you desaturate by 10%, it is $196.7290, 10.9796, -21.6873$.

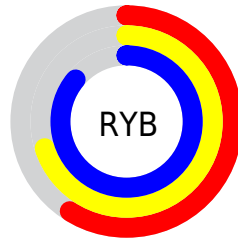
Distribution



Red (59%)

Green (78%)

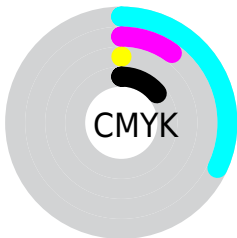
Blue (86%)



Red (59%)

Yellow (70%)

Blue (86%)

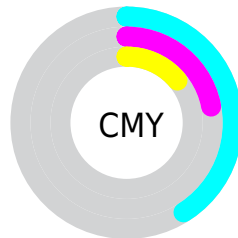


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0420, 16.2483, -31.6088 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 186.0420, 16.2483, -31.6088 by changing the saturation by 10% instead.

■ 186.0420, 16.2483,
-31.6088

■ 186.0420, 16.2483,
-31.6088

■ 255.0000, 0.0000,
0.0000

■ 158.9280, 15.8115,
-31.5089

■ 240.3490, 7.2229,
-30.1241

■ 132.2270, 15.6641,
-30.8941

■ 249.0200, 2.9481,
-12.2955

■ 106.8140, 15.3747,
-31.4089

■ 81.1020, 15.2327,
-32.5385

■ 55.3080, 16.1172,
-36.2271

■ 35.4720, 14.0643,
-31.1089

■ 20.6370, 10.5320,

-18.0986

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 186.0420, 16.2483,
-31.6088

■ 186.0420, 16.2483,
-31.6088

■ 175.3550, 21.5170,
-41.5303

■ 196.7290, 10.9796,
-21.6873

■ 165.2550, 26.4963,
-51.9666

■ 206.8290, 6.0003,
-11.2510

■ 154.5680, 31.7650,
-61.8881

■ 217.5160, 0.7316,
-1.3295

■ 143.8810, 37.0337,
-71.8096

■ 228.2030, -4.5371,
8.5920

■ 134.0800, 41.8656,
-81.6312

■ 236.8080, -8.7793,
15.9544

■ 123.3930, 47.1343,
-91.5527

■ 240.9170,
-10.8051, 12.3508

■ 114.1900, 51.6713,
-100.1446

■ 245.0260,
-12.8308, 8.7472

■ 248.5480,
-14.5672, 5.6584

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



184.4130, 10.1494, -35.4422



186.0420, 16.2483, -31.6088



189.1730, 17.6627, -18.5687

Triad

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



186.0420, 16.2483, -31.6088



194.1650, -0.0813, 26.1653



188.2160, -14.4035, -0.1894

Complementary

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



186.0420, 16.2483, -31.6088



182.9580, -16.2483, 31.6088

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.



190.6200, -17.0677, 14.3653



186.0420, 16.2483, -31.6088



193.4230, -8.0965, 30.3240

Square

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



186.0420, 16.2483, -31.6088



193.9770, 8.3923, 14.9292



192.0820, -14.3374, 25.3611



186.5390, -7.6607, -16.2587

Rectangle

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



186.0420, 16.2483, -31.6088



191.1960, 16.1724, -7.1879



192.0820, -14.3374, 25.3611



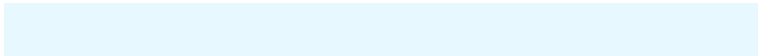
189.4940, -16.0195, 4.8288

Sweetspot

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



186.0420, 16.2483, -31.6088



244.0140, 5.4161, -10.5363



192.8970, -10.7952, -37.6207



120.5800, 3.6581, -6.6477



0.0000, 0.0000, 0.0000



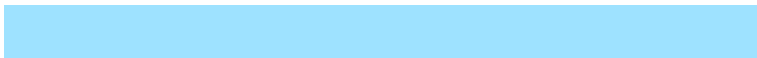
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.0420, 16.2483, -31.6088



208.9740, 22.6908, -44.7042



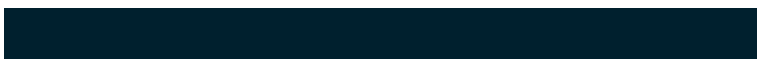
166.0840, 26.0876, -14.1057



104.3630, 2.7790, -4.7034



90.7490, 40.5497, -79.5869



24.0280, 10.8322, -21.0726

Inverse Universe

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



176.1030, 10.7952, 37.6207



194.7550, 15.4038, 52.8349



202.9160, -26.0876, 14.1057



103.0870, 1.4361, 6.0627



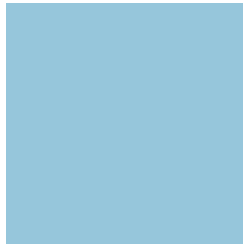
65.5210, 27.3511, 94.2591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 186.0420, 16.2483, -31.6088 looks on a white background.

Color Contrast Check

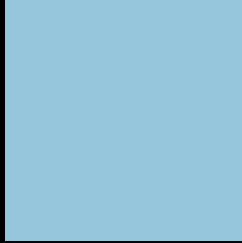
Large Text (above 18pt) WCAG AA × Fail

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 186.0420, 16.2483, -31.6088 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 186.0420, 16.2483, -31.6088 Background



This preview shows how black text looks on a background with the YUV color 186.0420, 16.2483, -31.6088.



This preview shows how white text looks on a background with the YUV color 186.0420, 16.2483, -31.6088.

-31.6088.

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

186.0420, 16.2483, -31.6088

Protanopia

191.1380, 10.7780, -3.6290

Deuteranopia

192.4960, 14.5455, 1.3190



Tritanopia

185.8740, 14.3591, -32.3385

Trichromacy



Original Color

186.0420, 16.2483, -31.6088

Protanomaly

189.2400, 12.6997, -13.3655

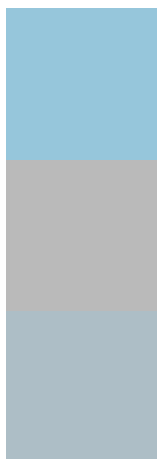
Deuteranomaly

189.9460, 15.3096, -10.4766

Tritanomaly

185.9880, 14.7959, -32.4385

Monochromacy



Original Color

186.0420, 16.2483, -31.6088

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0420, 16.2483, -31.6088 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(150, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(150, 198, 219)  
}
```

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(150, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 198, 219) }
```

Border

The CSS property to change the border of an element to YUV 186.0420, 16.2483, -31.6088 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(150, 198, 219) }
```


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

```
.border{ border-color:rgb(150, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(150, 198,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 186.0420, 16.2483, -31.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 198, 219) }
```

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

```
.background{ background-color: rgb(150,  
198, 219) }
```

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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