

Converting Colors

YUV(148.2380, 19.1097,
-15.9947)

Have a look what the booklet for
YUV(148.2380, 19.1097, -15.9947)
contains.

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Color

**YUV(148.2380, 19.1097,
-15.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	8296BB
RGB	130, 150, 187
RGB Percent	51%, 59%, 73%
CMY	0.4902, 0.4118, 0.2667
CMYK	0.30, 0.20, 0.00, 0.27
HSL	219°, 30%, 62%
HSV	219°, 30%, 73%
XYZ	29.0819, 30.1464, 51.2998
YIQ	148.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

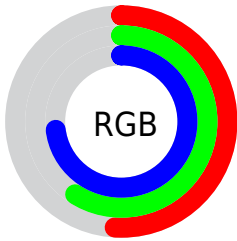
Format	Color
RYB	130, 145, 187
Decimal	8558267
CIELab	61.78, 1.66, -21.52
CIElCh	62, 21.586, 274.420
Yxy	30.1464, 0.2631, 0.2727
Android (android.graphics.Color)	4286748347 (0xFF8296BB)
YUV	148.2380, 19.1097, -15.9947
Hunter-Lab	54.9057, -1.5389, -16.9621

Details

The YUV color $148.2380, 19.1097, -15.9947$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $168.7620, -19.1097, 15.9947$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.4660, 19.9833, -16.1947$, and $97.0100, 18.2361, -15.7948$ is the 20% darker color. If you saturate the color by 10%, you get $135.5130, 25.3831, -21.4979$, and if you desaturate by 10%, it is $160.9630, 12.8362, -10.4916$.

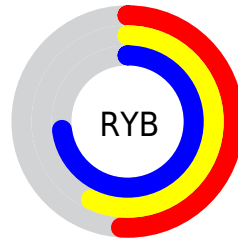
Distribution



Red (51%)

Green (59%)

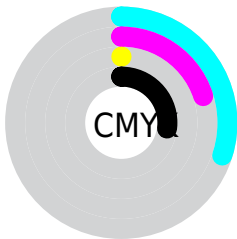
Blue (73%)



Red (51%)

Yellow (57%)

Blue (73%)

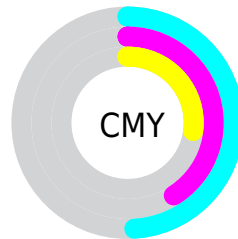


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2380, 19.1097, -15.9947 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 148.2380, 19.1097, -15.9947 by changing the saturation by 10% instead.

■ 148.2380, 19.1097,
-15.9947

■ 148.2380, 19.1097,
-15.9947

255.0000, 0.0000,
0.0000

■ 122.1240, 18.6729,
-15.8947

■ 202.4660, 19.9833,
-16.1947

■ 97.0100, 18.2361,
-15.7948

■ 228.6420, 12.9945,
-14.5950

■ 73.0700, 17.2205,
-16.7244

■ 250.8140, 2.0637,
-8.6069

■ 49.3580, 17.0785,
-17.8540

■ 26.0370, 17.2368,
-21.9574

■ 9.1420, 14.7200,
-8.0175

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 148.2380, 19.1097,
-15.9947

■ 148.2380, 19.1097,
-15.9947

■ 135.5130, 25.3831,
-21.4979

■ 160.9630, 12.8362,
-10.4916

■ 123.0870, 31.5091,
-26.3863

■ 173.3890, 6.7102,
-5.6032

■ 110.3620, 37.7825,
-31.8895

■ 186.1140, 0.4368,
-0.1000

■ 97.0500, 44.3454,
-36.8778

■ 199.4260, -6.1260,
4.8884

■ 84.6240, 50.4714,
-41.7662

■ 212.1510,
-12.3994, 10.3916

■ 71.8990, 56.7448,
-47.2694

■ 224.5770,
-18.5255, 15.2800

■ 60.0600, 62.5814,
-52.6726

■ 235.5080,
-23.9144, 17.0945

■ 242.5520,
-27.3871, 10.9169

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



144.1280, 19.1639, -33.4383



148.2380, 19.1097, -15.9947



151.2190, 14.6820, 4.1929

Triad

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



148.2380, 19.1097, -15.9947



151.0380, -10.8647, 31.5387



143.6630, -5.7499, -22.5065

Complementary

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



148.2380, 19.1097, -15.9947



168.7620, -19.1097, 15.9947

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.



146.1830, -14.3872, -5.4225



148.2380, 19.1097, -15.9947



149.6860, -17.1002, 24.8314

Square

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



148.2380, 19.1097, -15.9947



151.9160, -2.4236, 30.7687



148.2560, -18.3672, 11.1765



141.0340, 4.9132, -35.9868

Rectangle

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



148.2380, 19.1097, -15.9947



152.3300, 9.6973, 16.3736



148.2560, -18.3672, 11.1765



143.8980, -8.8237, -16.5735

Sweetspot

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



148.2380, 19.1097, -15.9947



227.2040, 7.2944, -6.3179



167.5630, -0.7706, -32.9428



113.4170, 4.2314, -3.8737



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



148.2380, 19.1097, -15.9947



181.3430, 29.9039, -24.8568



138.8900, 23.7182, -0.7805



87.7870, 3.0630, -2.4442



50.2970, 53.0976, -44.1105



9.9910, 10.3574, -8.7621

Inverse Universe

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



149.3230, 0.3338, 33.0427



183.1450, 0.4215, 51.6158



178.1100, -23.7182, 0.7805



88.0330, -0.0163, 5.2331



53.5120, 0.7336, 91.6360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 148.2380, 19.1097, -15.9947 looks on a white background.

Color Contrast Check

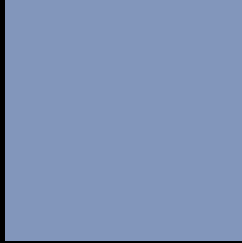
Large Text (above 18pt) WCAG AA × Fail

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 148.2380, 19.1097, -15.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

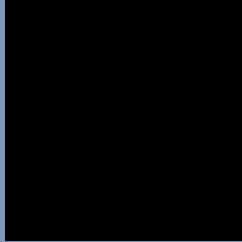
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

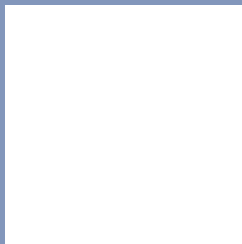
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.2380, 19.1097, -15.9947

Background



This preview shows how black text looks on a background with the YUV color 148.2380, 19.1097, -15.9947.



This preview shows how white text looks on a background with the YUV color 148.2380, 19.1097, -15.9947.

-15.9947.

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

148.2380, 19.1097, -15.9947

Protanopia

149.2390, 17.6302, -8.1026

Deuteranopia

149.8910, 18.7877, -6.0434



Tritanopia

146.6970, 9.5164, -19.0283

Trichromacy



Original Color

148.2380, 19.1097, -15.9947

Protanomaly

148.7440, 18.3672, -11.1765

Deuteranomaly

148.9830, 19.2354, -9.6321

Tritanomaly

147.6200, 13.0053, -18.0837

Monochromacy



Original Color

148.2380, 19.1097, -15.9947

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2380, 19.1097, -15.9947 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(130, 150, 187)` looks like.

```
.text, #text, p{  
    color:rgb(130, 150, 187)  
}
```

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(130, 150, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 150, 187) }
```

Border

The CSS property to change the border of an element to YUV 148.2380, 19.1097, -15.9947 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(130, 150, 187) }
```


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

```
.border{ border-color:rgb(130, 150, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 150, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 150, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 150, 187);  
box-shadow:4px 4px 4px 4px rgb(130, 150,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 148.2380, 19.1097, -15.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 150, 187) }
```

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

```
.background{ background-color: rgb(130,  
150, 187) }
```

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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