

Converting Colors

YUV(190.7660, 31.6674,
-30.4898)

Have a look what the booklet for
YUV(190.7660, 31.6674, -30.4898)
contains.

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Color

**YUV(190.7660, 31.6674,
-30.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC4FF
RGB	156, 196, 255
RGB Percent	61%, 77%, 100%
CMY	0.3882, 0.2314, 0.0000
CMYK	0.39, 0.23, 0.00, 0.00
HSL	216°, 100%, 81%
HSV	216°, 39%, 100%
XYZ	51.5002, 53.7678, 102.2716
YIQ	190.7660, -42.7790, 9.8690

Conversions

Conversions Part 2

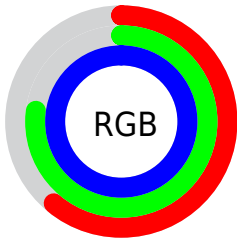
Format	Color
R _Y B	156, 184, 255
Decimal	10274047
CIE Lab	78.33, 1.05, -33.24
CIE LCh	78, 33.252, 271.803
Yxy	53.7678, 0.2481, 0.2591
Android (android.graphics.Color)	4288464127 (0xFF9CC4FF)
YUV	190.7660, 31.6674, -30.4898
Hunter-Lab	73.3265, -2.9535, -31.3657

Details

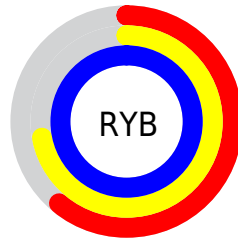
The YUV color $190.7660, 31.6674, -30.4898$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $220.2340, -31.6674, 30.4898$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6810, 7.0593, -24.2762$, and $135.8260, 30.6518, -31.4194$ is the 20% darker color. If you saturate the color by 10%, you get $174.4860, 39.6934, -38.1372$, and if you desaturate by 10%, it is $207.3450, 23.4939, -22.2276$.

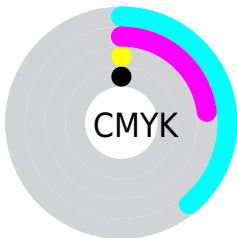
Distribution



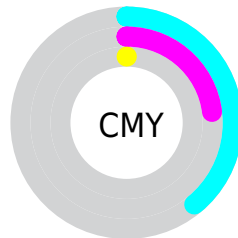
- Red (61%)
- Green (77%)
- Blue (100%)



- Red (61%)
- Yellow (72%)
- Blue (100%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7660, 31.6674, -30.4898 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 190.7660, 31.6674, -30.4898 by changing the saturation by 10% instead.

■ 190.7660, 31.6674,
-30.4898

■ 190.7660, 31.6674,
-30.4898

255.0000, 0.0000,
0.0000

■ 163.2390, 30.9412,
-30.9046

■ 240.6810, 7.0593,
-24.2762

■ 135.8260, 30.6518,
-31.4194

■ 251.1130, 1.9163,
-7.9921

■ 110.0000, 30.0730,
-32.4490

■ 83.8640, 29.6470,
-35.8377

■ 53.9550, 31.5742,
-47.3185

■ 38.1910, 27.0208,
-33.4935

■ 23.7150, 22.3255,

-20.7981

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 190.7660, 31.6674,
-30.4898

■ 190.7660, 31.6674,
-30.4898

■ 174.4860, 39.6934,
-38.1372

■ 207.3450, 23.4939,
-22.2276

■ 157.9070, 47.8668,
-46.3994

■ 223.6250, 15.4679,
-14.5801

■ 141.0400, 56.1823,
-53.5321

■ 240.7910, 7.0050,
-6.8327

■ 124.4610, 64.3557,
-61.7943

■ 255.0000, 0.0000,
0.0000

■ 108.1810, 72.3818,
-69.4417

■ 91.6020, 80.5552,
-77.7040

■ 89.5310, 81.5762,
-78.5187

Harmonies

Analogous

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



182.2800, 31.9070, -60.7586



190.7660, 31.6674, -30.4898



196.7380, 24.2862, 3.7378

Triad

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



190.7660, 31.6674, -30.4898



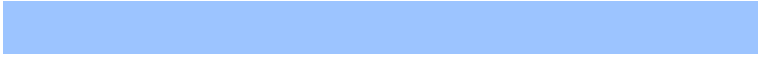
196.0790, -16.3079, 50.7967



184.1470, -9.9325, -34.3319

Complementary

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



190.7660, 31.6674, -30.4898



220.2340, -31.6674, 30.4898

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.



188.6530, -23.9859, -6.7117



190.7660, 31.6674, -30.4898



194.5540, -26.8951, 39.8561

Square

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



190.7660, 31.6674, -30.4898



198.0260, -2.4778, 48.2122



191.7380, -29.4508, 19.5238



179.2760, 7.7519, -59.8781

Rectangle

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



190.7660, 31.6674, -30.4898



198.2090, 16.6590, 23.4957



191.7380, -29.4508, 19.5238



185.5350, -15.0538, -25.0252

Sweetspot

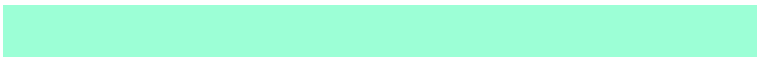
The Sweet Spot groups the original color and five complimentary colors.



190.7660, 31.6674, -30.4898



235.1650, 9.7787, -9.7917



220.7250, -3.3154, -56.7638



116.1610, 5.8366, -5.4032



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.



190.7660, 31.6674, -30.4898



177.4430, 38.2356, -37.2225



169.6780, 42.0637, -4.9796



119.4170, 4.2314, -3.8737



66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834

Inverse Universe

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



190.1610, 2.8786, 56.8638



176.4660, 3.7143, 68.8743



241.3220, -42.0637, 4.9796



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 190.7660, 31.6674, -30.4898 looks on a white background.

Color Contrast Check

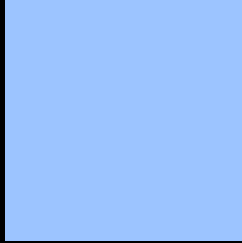
Large Text (above 18pt) WCAG AA × Fail

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 190.7660, 31.6674, -30.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

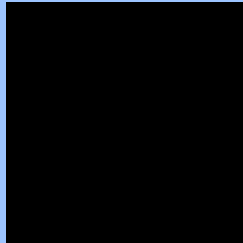
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

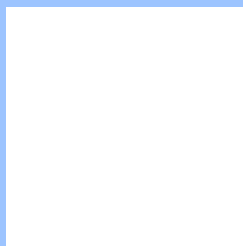
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.7660, 31.6674, -30.4898

Background



This preview shows how black text looks on a background with the YUV color 190.7660, 31.6674, -30.4898.



This preview shows how white text looks on a background with the YUV color 190.7660, 31.6674, -30.4898.

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

190.7660, 31.6674, -30.4898

Protanopia

193.6540, 28.2716, -14.6056

Deuteranopia

193.8220, 30.1608, -13.8759



Tritanopia

188.0800, 15.2436, -36.0272

Trichromacy



Original Color

190.7660, 31.6674, -30.4898

Protanomaly

192.5500, 29.3088, -20.6534

Deuteranomaly

192.6040, 30.7612, -19.8237

Tritanomaly

188.6980, 21.3479, -33.9381

Monochromacy



Original Color

190.7660, 31.6674, -30.4898

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9090, 11.3839, -11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7660, 31.6674, -30.4898 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(156, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 196, 255)  
}
```

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(156, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 196, 255) }
```

Border

The CSS property to change the border of an element to YUV 190.7660, 31.6674, -30.4898 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(156, 196, 255) }
```


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

```
.border{ border-color:rgb(156, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 196, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 196, 255); box-shadow:4px 4px 4px 4px rgb(156, 196, 255) }
```

Background

The CSS property to change the background color of an element to YUV 190.7660, 31.6674, -30.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 196, 255) }
```

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

```
.background{ background-color: rgb(156,  
196, 255) }
```

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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