

Converting Colors

YUV(196.5820, -36.7689,
-60.1464)

Have a look what the booklet for
YUV(196.5820, -36.7689, -60.1464)
contains.

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Color

**YUV(196.5820, -36.7689,
-60.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	80F67A
RGB	128, 246, 122
RGB Percent	50%, 96%, 48%
CMY	0.4980, 0.0353, 0.5216
CMYK	0.48, 0.00, 0.50, 0.04
HSL	117°, 87%, 72%
HSV	117°, 50%, 96%
XYZ	45.3707, 71.9059, 29.9003
YIQ	196.5820, -30.5240, -63.5800

Conversions

Conversions Part 2

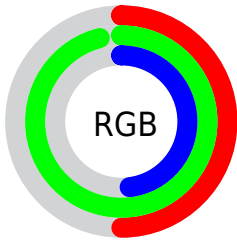
Format	Color
RYB	122, 246, 240
Decimal	8451706
CIELab	87.92, -57.18, 49.18
CIElCh	88, 75.421, 139.301
Yxy	71.9059, 0.3083, 0.4886
Android (android.graphics.Color)	4286641786 (0xFF80F67A)
YUV	196.5820, -36.7689, -60.1464
Hunter-Lab	84.7973, -52.8891, 38.4519

Details

The YUV color **196.5820, -36.7689, -60.1464** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **171.4180, 36.7689, 60.1464**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7760, -24.0466, -34.0066**, and **138.5430, -34.2847, -63.6202** is the 20% darker color. If you saturate the color by 10%, you get **186.8550, -44.2985, -71.7868**, and if you desaturate by 10%, it is **206.3090, -29.2393, -48.5060**.

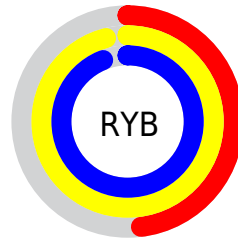
Distribution



Red (50%)

Green (96%)

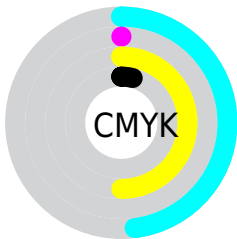
Blue (48%)



Red (48%)

Yellow (96%)

Blue (94%)

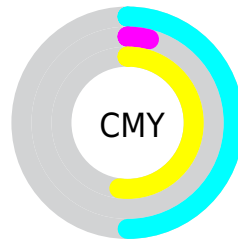


Cyan (48%)

Magenta (0%)

Yellow (50%)

Black (4%)



Cyan (50%)

Magenta (4%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5820, -36.7689, -60.1464 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 196.5820, -36.7689, -60.1464 by changing the saturation by 10% instead.

■ 196.5820,
-36.7689, -60.1464

■ 196.5820,
-36.7689, -60.1464

255.0000, 0.0000,
0.0000

■ 167.6250,
-35.3111, -61.0611

■ 225.7760,
-24.0466, -34.0066

■ 138.5430,
-34.2847, -63.6202

■ 237.9380,
-16.2384, -18.3626

■ 106.8840,
-31.4948, -71.8123

■ 250.2140, -7.9935,
-2.8187

■ 79.7980, -34.4104,
-69.9828

■ 63.3960, -31.2542,
-55.5983

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,

-29.8583

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 196.5820,
-36.7689, -60.1464

■ 196.5820,
-36.7689, -60.1464

■ 186.8550,
-44.2985, -71.7868

■ 206.3090,
-29.2393, -48.5060

■ 176.9430,
-51.2439, -84.1420

■ 216.2210,
-22.2940, -36.1508

■ 167.2160,
-58.7735, -95.7824

■ 225.9480,
-14.7644, -24.5104

■ 157.3040,
-65.7189, -108.1376

■ 235.8600, -7.8190,
-12.1552

■ 147.9900,
-72.9591, -119.2632

■ 245.5870, -0.2894,
-0.5148

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



207.9050, -66.5082, 5.3453



196.5820, -36.7689, -60.1464



170.8720, 9.9231, -149.8547

Triad

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



196.5820, -36.7689, -60.1464



167.6020, 43.0872, -146.9870



188.5820, -5.7099, 58.2486

Complementary

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



196.5820, -36.7689, -60.1464



171.4180, 36.7689, 60.1464

Split Complementary

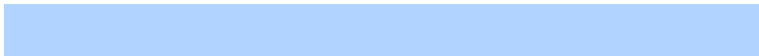
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.3770, 25.4501, 50.5354



196.5820, -36.7689, -60.1464



206.1380, 24.0890, -26.4310

Square

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



196.5820, -36.7689, -60.1464



175.8200, 39.0357, -154.1941



212.1490, 21.1255, 37.5803



194.7870, -40.3210, 52.8068

Rectangle

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



196.5820, -36.7689, -60.1464



177.1590, 31.4736, -155.3684



212.1490, 21.1255, 37.5803



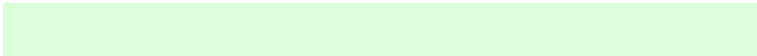
189.5570, 5.6414, 57.3935

Sweetspot

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



196.5820, -36.7689, -60.1464



239.9040, -11.2917, -18.3328



228.3420, -52.4266, 15.4861



118.8000, -6.8034, -11.2256



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.



196.5820, -36.7689, -60.1464



193.9040, -45.3087, -74.4608



201.1720, -11.4238, -69.4338



117.3430, -3.6201, -5.5628



111.8730, -55.1534, -90.2196



35.5300, -17.5163, -28.5288

Inverse Universe

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



171.4180, 36.7689, 60.1464



163.0960, 45.3087, 74.4608



166.8280, 11.4238, 69.4338



114.9560, 3.4727, 6.1776



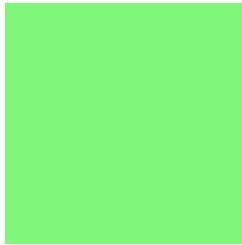
74.1270, 55.1534, 90.2196



23.4700, 17.5163, 28.5288

Previews

White Background



This preview shows how the YUV color 196.5820, -36.7689, -60.1464 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 196.5820, -36.7689, -60.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

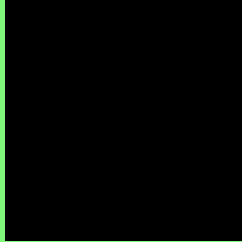
Any Text WCAG AA ✓ Pass

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 196.5820, -36.7689, -60.1464 Background



This preview shows how black text looks on a background with the YUV color 196.5820, -36.7689, -60.1464.



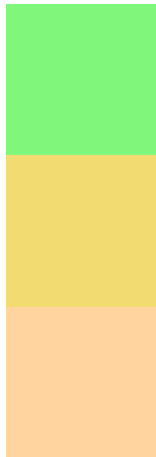
This preview shows how white text looks on a background with the YUV color 196.5820, -36.7689, -60.1464.

-60.1464.

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

196.5820, -36.7689, -60.1464

Protanopia

213.7930, -49.6909, 24.7375

Deuteranopia

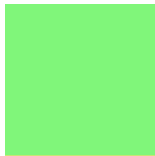
218.8150, -29.4888, 31.7342



Tritanopia

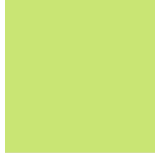
211.1430, 19.6495, -49.2374

Trichromacy



Original Color

196.5820, -36.7689, -60.1464



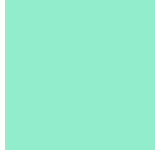
Protanomaly

207.7460, -45.2308, -5.9162



Deuteranomaly

210.6230, -31.8591, -1.4234



Tritanomaly

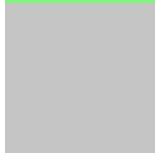
205.7300, -0.8529, -53.2602

Monochromacy



Original Color

196.5820, -36.7689, -60.1464



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0130, -13.3174, -21.9364

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5820, -36.7689, -60.1464 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(128, 246, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 246, 122)  
}
```

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(128, 246, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 246, 122) }
```

Border

The CSS property to change the border of an element to YUV 196.5820, -36.7689, -60.1464 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(128, 246, 122) }
```


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

```
.border{ border-color:rgb(128, 246, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 246, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 246, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 246, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 246,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 196.5820, -36.7689, -60.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 246, 122) }
```

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

```
.background{ background-color: rgb(128,  
246, 122) }
```

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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