

Converting Colors

YUV(180.8860, 36.5382,
-6.0390)

Have a look what the booklet for
YUV(180.8860, 36.5382, -6.0390)
contains.

YUV(180.8860, 36.5382, -6.0390)	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(180.8860, 36.5382,
-6.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA AFF
RGB	174, 170, 255
RGB Percent	68%, 67%, 100%
CMY	0.3176, 0.3333, 0.0000
CMYK	0.32, 0.33, 0.00, 0.00
HSL	243°, 100%, 83%
HSV	243°, 33%, 100%
XYZ	49.8803, 44.9681, 100.6585
YIQ	180.8860, -24.9010, 27.2830

Conversions

Conversions Part 2

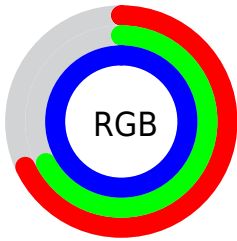
Format	Color
RYB	174, 170, 255
Decimal	11447039
CIELab	72.87, 20.24, -41.61
CIELCh	73, 46.268, 295.942
Yxy	44.9681, 0.2551, 0.2300
Android (android.graphics.Color)	4289637119 (0xFFAEAAFF)
YUV	180.8860, 36.5382, -6.0390
Hunter-Lab	67.0583, 15.4225, -42.0570

Details

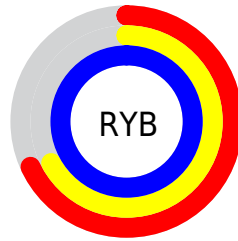
The YUV color **180.8860, 36.5382, -6.0390** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **244.1140, -36.5382, 6.0390**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2140, 12.2195, 0.6893**, and **127.4190, 34.7964, -7.3835** is the 20% darker color. If you saturate the color by 10%, you get **159.0350, 47.3107, -7.9237**, and if you desaturate by 10%, it is **202.7370, 25.7657, -4.1543**.

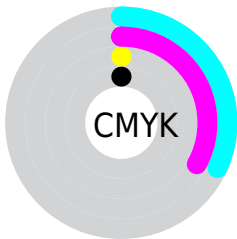
Distribution



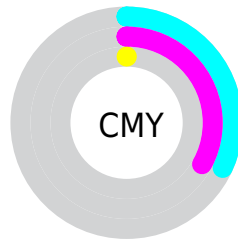
- Red (68%)
- Green (67%)
- Blue (100%)



- Red (68%)
- Yellow (67%)
- Blue (100%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8860, 36.5382, -6.0390 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 180.8860, 36.5382, -6.0390 by changing the saturation by 10% instead.

180.8860, 36.5382,
-6.0390

180.8860, 36.5382,
-6.0390

255.0000, 0.0000,
0.0000

153.9460, 35.5226,
-6.9686

230.2140, 12.2195,
0.6893

127.4190, 34.7964,
-7.3835

254.4130, 0.2894,
0.5148

101.4790, 33.7809,
-8.3131

76.9410, 33.0601,
-10.4723

52.5770, 31.7605,
-13.6610

26.3370, 32.3719,
-23.0975

8.9260, 29.1235,

-7.8281

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 180.8860, 36.5382,
-6.0390

■ 180.8860, 36.5382,
-6.0390

■ 159.0350, 47.3107,
-7.9237

■ 202.7370, 25.7657,
-4.1543

■ 136.2980, 58.5201,
-9.9083

■ 225.4740, 14.5563,
-2.1697

■ 114.4470, 69.2926,
-11.7930

■ 247.9120, 3.4944,
-0.7998

■ 92.0090, 80.3546,
-13.1629

■ 255.0000, 0.0000,
0.0000

■ 69.2720, 91.5639,
-15.1475

■ 47.4210, 102.3364,
-17.0322

■ 32.6580, 109.6146,
-18.1171

Harmonies

Analogous

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



166.6680, 43.5477, -61.0988



180.8860, 36.5382, -6.0390



183.8500, 21.2730, 36.9656

Triad

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



180.8860, 36.5382, -6.0390



178.2310, -33.6379, 55.9254



149.1530, 10.7706, -94.8502

Complementary

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



180.8860, 36.5382, -6.0390



244.1140, -36.5382, 6.0390

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.



164.8550, -17.1835, -41.9688



180.8860, 36.5382, -6.0390



175.5300, -40.6873, 30.2302

Square

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



180.8860, 36.5382, -6.0390



178.9500, -17.2303, 66.6959



171.4010, -35.2007, -2.9827



141.9100, 36.0334, -124.4551

Rectangle

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



180.8860, 36.5382, -6.0390



183.3550, 8.6990, 56.6937



171.4010, -35.2007, -2.9827



157.1250, -0.0616, -73.7776

Sweetspot

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



180.8860, 36.5382, -6.0390



233.1490, 10.7725, -1.8847



227.8240, 13.3978, -50.7116



114.1230, 6.8414, -0.9849



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.



180.8860, 36.5382, -6.0390



166.1230, 43.8164, -7.1239



193.1450, 30.4945, 19.1668



116.4820, 5.6784, -1.2997



24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Inverse Universe

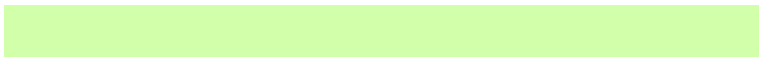
The Inverse Universe completely reimagines the original color for something new.



204.6490, 22.8510, 44.1578



194.5560, 27.3339, 53.0094



231.8550, -30.4945, -19.1668



120.2550, 3.3253, 6.7924



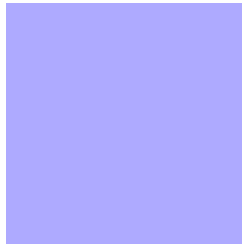
77.8570, 51.3425, 99.2264



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 180.8860, 36.5382, -6.0390 looks on a white background.

Color Contrast Check

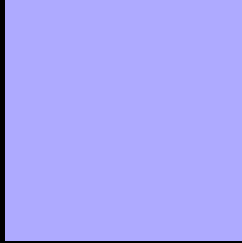
Large Text (above 18pt) WCAG AA × Fail

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 180.8860, 36.5382, -6.0390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

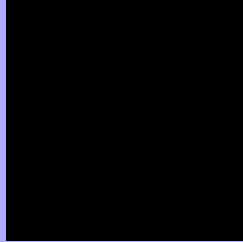
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.8860, 36.5382, -6.0390

Background



This preview shows how black text looks on a background with the YUV color 180.8860, 36.5382, -6.0390.



This preview shows how white text looks on a background with the YUV color 180.8860, 36.5382, -6.0390.

-6.0390.

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

180.8860, 36.5382, -6.0390

Protanopia

178.1290, 37.8974, -22.0381

Deuteranopia

178.0040, 37.4660, -23.6825



Tritanopia

177.6160, 9.0633, -13.6952

Trichromacy



Original Color

180.8860, 36.5382, -6.0390

Protanomaly

179.3470, 37.2969, -16.0903

Deuteranomaly

178.6350, 37.1549, -17.2199

Tritanomaly

178.8580, 18.8040, -11.2765

Monochromacy



Original Color

180.8860, 36.5382, -6.0390

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8330, 13.3933, -2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8860, 36.5382, -6.0390 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(174, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 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(174, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 255) }
```

Border

The CSS property to change the border of an element to YUV 180.8860, 36.5382, -6.0390 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(174, 170, 255) }
```


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

```
.border{ border-color:rgb(174, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 180.8860, 36.5382, -6.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 255) }
```

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

```
.background{ background-color: rgb(174,  
170, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor