

Converting Colors

YUV(182.3790, -18.4278,
-16.1184)

Have a look what the booklet for
YUV(182.3790, -18.4278, -16.1184)
contains.

YUV(182.3790, -18.4278, -16.1184)	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(182.3790, -18.4278,
-16.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C791
RGB	164, 199, 145
RGB Percent	64%, 78%, 57%
CMY	0.3569, 0.2196, 0.4314
CMYK	0.18, 0.00, 0.27, 0.22
HSL	99°, 33%, 67%
HSV	99°, 27%, 78%
XYZ	40.8441, 50.7837, 34.4376
YIQ	182.3790, -3.5260, -24.2140

Conversions

Conversions Part 2

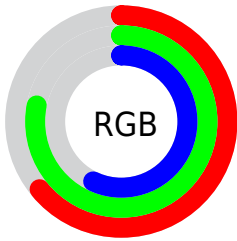
Format	Color
RYB	145, 199, 180
Decimal	10798993
CIELab	76.55, -21.60, 23.30
CIELCh	77, 31.772, 132.834
Yxy	50.7837, 0.3240, 0.4028
Android (android.graphics.Color)	4288989073 (0xFFA4C791)
YUV	182.3790, -18.4278, -16.1184
Hunter-Lab	71.2627, -22.4027, 21.2321

Details

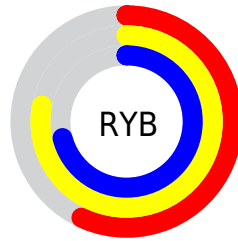
The YUV color **182.3790, -18.4278, -16.1184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **161.6210, 18.4278, 16.1184**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1510, -19.3014, -15.9184**, and **129.0200, -17.2649, -15.8035** is the 20% darker color. If you saturate the color by 10%, you get **176.2120, -25.2475, -22.1109**, and if you desaturate by 10%, it is **188.5460, -11.6082, -10.1258**.

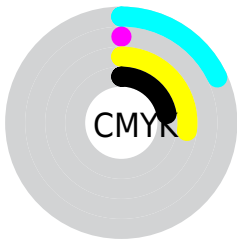
Distribution



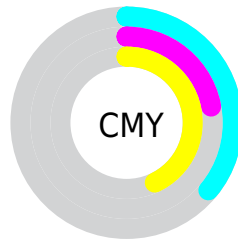
- Red (64%)
- Green (78%)
- Blue (57%)



- Red (57%)
- Yellow (78%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.3790, -18.4278, -16.1184 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 182.3790, -18.4278, -16.1184 by changing the saturation by 10% instead.

■ 182.3790,
-18.4278, -16.1184

■ 182.3790,
-18.4278, -16.1184

255.0000, 0.0000,
0.0000

■ 155.4930,
-17.9910, -16.2184

■ 238.1510,
-19.3014, -15.9184

■ 129.0200,
-17.2649, -15.8035

■ 249.7150,
-11.1985, -1.5041

■ 103.5470,
-16.5387, -15.3887

■ 79.0740, -15.8125,
-14.9739

■ 55.6010, -15.0863,
-14.5591

■ 33.2590, -16.3967,
-14.2591

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 182.3790,
-18.4278, -16.1184

■ 182.3790,
-18.4278, -16.1184

■ 176.2120,
-25.2475, -22.1109

■ 188.5460,
-11.6082, -10.1258

■ 170.0450,
-32.0672, -28.1035

■ 194.7130, -4.7885,
-4.1333

■ 163.8780,
-38.8869, -34.0960

■ 200.8800, 2.0312,
1.8592

■ 157.7110,
-45.7065, -40.0885

■ 207.0470, 8.8508,
7.8518

■ 151.8430,
-52.6736, -45.4663

■ 212.9150, 15.8179,
13.2295

■ 145.7900,
-59.0565, -51.5588

■ 217.9420, 18.2696,
20.2219

■ 139.6230,
-65.8761, -57.5514

■ 221.8290, 16.3533,
28.2140

■ 137.7430,
-67.9073, -59.4106

■ 222.1280, 16.2059,
28.8287

Harmonies

Analogous

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



185.9540, -27.0923, 9.6873



182.3790, -18.4278, -16.1184



178.1120, -3.5062, -42.1942

Triad

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



182.3790, -18.4278, -16.1184



181.4280, 30.8480, -47.7334



192.3590, -7.5720, 48.7972

Complementary

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



182.3790, -18.4278, -16.1184



161.6210, 18.4278, 16.1184

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.



193.3650, 6.7221, 37.3909



182.3790, -18.4278, -16.1184



188.3440, 28.4244, -16.9647

Square

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



182.3790, -18.4278, -16.1184



174.4550, 26.3977, -67.0510



192.8380, 19.3069, 14.1741



190.7210, -20.0755, 45.8487

Rectangle

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



182.3790, -18.4278, -16.1184



174.9990, 7.8885, -57.0041



192.8380, 19.3069, 14.1741



192.9010, -2.9092, 46.5678

Sweetspot

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



182.3790, -18.4278, -16.1184



248.8330, -6.8197, -5.9925



181.1040, -17.7993, 15.6948



123.8270, -4.3517, -4.2333



0.0000, 0.0000, 0.0000



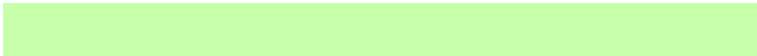
128.0000, 0.0000, 0.0000

Same Dimension

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



182.3790, -18.4278, -16.1184



228.9790, -28.5836, -25.4146



177.4960, -12.5695, -28.4990



96.1800, -3.0467, -2.7889



112.7240, -55.5729, -48.8699



25.0190, -12.3344, -10.5407

Inverse Universe

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



161.6210, 18.4278, 16.1184



196.7220, 28.7311, 24.7998



166.5040, 12.5695, 28.4990



92.8200, 3.0467, 2.7889



50.2760, 55.5729, 48.8699



10.9810, 12.3344, 10.5407

Previews

White Background



This preview shows how the YUV color 182.3790, -18.4278, -16.1184 looks on a white background.

Color Contrast Check

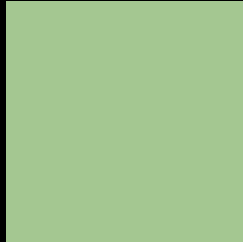
Large Text (above 18pt) WCAG AA × Fail

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 182.3790, -18.4278, -16.1184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

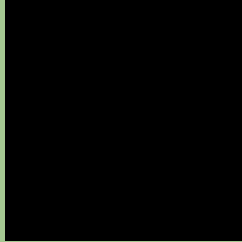
Any Text WCAG AA ✓ Pass

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 182.3790, -18.4278, -16.1184 Background



This preview shows how black text looks on a background with the YUV color 182.3790, -18.4278, -16.1184.



This preview shows how white text looks on a background with the YUV color 182.3790, -18.4278, -16.1184.

-16.1184.

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

182.3790, -18.4278, -16.1184

Protanopia

186.7140, -23.0300, 13.4058

Deuteranopia

189.0130, -19.7264, 27.1756



Tritanopia

187.6270, 9.0579, -11.9509

Trichromacy



Original Color

182.3790, -18.4278, -16.1184

Protanomaly

185.1040, -21.2503, 2.5398

Deuteranomaly

187.0280, -19.2408, 11.3764

Tritanomaly

185.6840, -0.8302, -13.7549

Monochromacy



Original Color

182.3790, -18.4278, -16.1184

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.9470, -6.3829, -6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.3790, -18.4278, -16.1184 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(164, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 199, 145)  
}
```

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(164, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 199, 145) }
```

Border

The CSS property to change the border of an element to YUV 182.3790, -18.4278, -16.1184 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(164, 199, 145) }
```


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

```
.border{ border-color:rgb(164, 199, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 199, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 199,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 182.3790, -18.4278, -16.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 199, 145) }
```

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

```
.background{ background-color: rgb(164,  
199, 145) }
```

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