

Converting Colors

YUV(192.8630, -19.1595,
-14.7889)

Have a look what the booklet for
YUV(192.8630, -19.1595, -14.7889)
contains.

YUV(192.8630, -19.1595, -14.7889)	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(192.8630, -19.1595,
-14.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D19A
RGB	176, 209, 154
RGB Percent	69%, 82%, 60%
CMY	0.3098, 0.1804, 0.3961
CMYK	0.16, 0.00, 0.26, 0.18
HSL	96°, 37%, 71%
HSV	96°, 26%, 82%
XYZ	46.5377, 57.1641, 39.1528
YIQ	192.8630, -2.0130, -24.1010

Conversions

Conversions Part 2

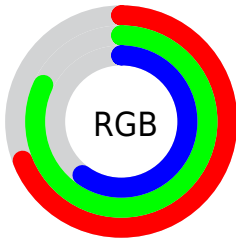
Format	Color
RYB	154, 209, 187
Decimal	11587994
CIELab	80.27, -20.88, 23.76
CIELCh	80, 31.633, 131.300
Yxy	57.1641, 0.3258, 0.4002
Android (android.graphics.Color)	4289778074 (0xFFB0D19A)
YUV	192.8630, -19.1595, -14.7889
Hunter-Lab	75.6070, -22.4416, 22.2217

Details

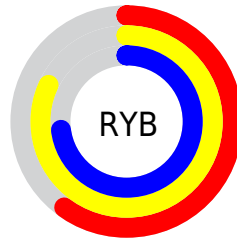
The YUV color **192.8630, -19.1595, -14.7889** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.1370, 19.1595, 14.7889**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8790, -16.7023, -9.5409**, and **138.9170, -17.7071, -13.9592** is the 20% darker color. If you saturate the color by 10%, you get **186.5820, -26.4159, -20.6814**, and if you desaturate by 10%, it is **199.1440, -11.9030, -8.8963**.

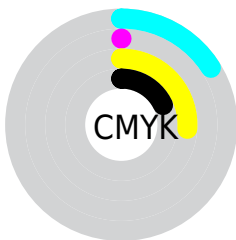
Distribution



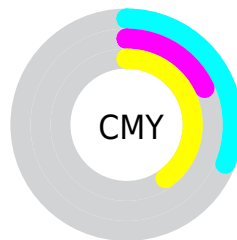
- Red (69%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8630, -19.1595, -14.7889 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 192.8630, -19.1595, -14.7889 by changing the saturation by 10% instead.

■ 192.8630,
-19.1595, -14.7889

■ 192.8630,
-19.1595, -14.7889

255.0000, 0.0000,
0.0000

■ 165.3900,
-18.4333, -14.3740

■ 242.8790,
-16.7023, -9.5409

■ 138.9170,
-17.7071, -13.9592

■ 252.9480, -7.8624,
1.7996

■ 113.0310,
-17.2703, -14.0592

■ 88.5580, -16.5441,
-13.6444

■ 64.6720, -16.1073,
-13.7443

■ 41.7860, -15.6705,
-13.8443

■ 20.5560, -10.1341,

-16.2736

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 192.8630,
-19.1595, -14.7889

■ 192.8630,
-19.1595, -14.7889

■ 186.5820,
-26.4159, -20.6814

■ 199.1440,
-11.9030, -8.8963

■ 180.6000,
-33.8198, -25.9592

■ 205.1260, -4.4991,
-3.6185

■ 174.3190,
-41.0763, -31.8518

■ 211.4070, 2.7573,
2.2741

■ 168.3370,
-48.4801, -37.1295

■ 217.3890, 10.1612,
7.5518

■ 162.0560,
-55.7366, -43.0221

■ 223.2140, 15.6705,
13.8443

■ 156.1880,
-62.7037, -48.3999

■ 226.8020, 13.9016,
21.2216

■ 149.9070,
-69.9602, -54.2924

■ 227.9980, 13.3120,
23.6808

■ 147.7990,
-72.8649, -55.9517

Harmonies

Analogous

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



196.5520, -27.3871, 10.9169



192.8630, -19.1595, -14.7889



188.4820, -4.6746, -40.7647

Triad

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



192.8630, -19.1595, -14.7889



191.1290, 30.9954, -48.3481



201.6900, -6.2562, 46.7529

Complementary

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



192.8630, -19.1595, -14.7889



170.1370, 19.1595, 14.7889

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.



204.1800, 7.3063, 36.6761



192.8630, -19.1595, -14.7889



198.5180, 27.8456, -17.9943

Square

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



192.8630, -19.1595, -14.7889



184.6400, 25.8135, -66.3363



203.3540, 20.0385, 12.8445



201.1340, -19.7861, 46.3635

Rectangle

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



192.8630, -19.1595, -14.7889



185.9560, 6.4307, -56.0894



203.3540, 20.0385, 12.8445



202.8300, -1.8882, 45.7531

Sweetspot

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



192.8630, -19.1595, -14.7889



249.1320, -6.9671, -5.3778



189.8160, -17.6573, 16.8244



124.1260, -4.4991, -3.6185



0.0000, 0.0000, 0.0000



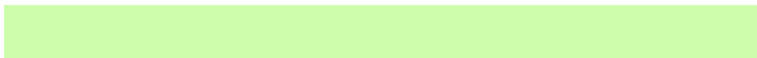
128.0000, 0.0000, 0.0000

Same Dimension

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



192.8630, -19.1595, -14.7889



231.0010, -28.5945, -21.9259



186.8550, -13.7325, -28.8138



101.6530, -3.7729, -3.2037



118.6490, -58.4940, -45.2962



28.8510, -14.2235, -11.2703

Inverse Universe

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



170.1370, 19.1595, 14.7889



196.9990, 28.5945, 21.9259



176.1450, 13.7325, 28.8138



97.0480, 3.9203, 2.5889



49.3510, 58.4940, 45.2962



11.8500, 14.3709, 10.6555

Previews

White Background



This preview shows how the YUV color 192.8630, -19.1595, -14.7889 looks on a white background.

Color Contrast Check

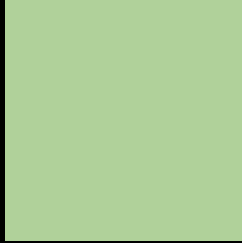
Large Text (above 18pt) WCAG AA × Fail

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 192.8630, -19.1595, -14.7889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

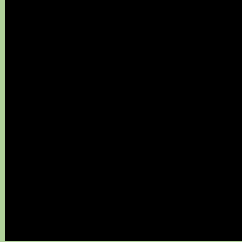
Any Text WCAG AA ✓ Pass

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 192.8630, -19.1595, -14.7889 Background



This preview shows how black text looks on a background with the YUV color 192.8630, -19.1595, -14.7889.



This preview shows how white text looks on a background with the YUV color 192.8630, -19.1595, -14.7889.

-14.7889.

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

192.8630, -19.1595, -14.7889

Protanopia

196.8990, -23.6142, 14.1206

Deuteranopia

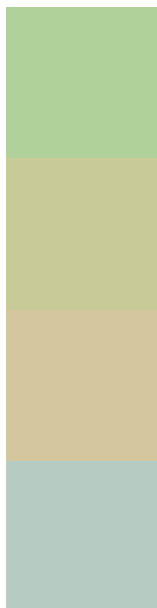
199.4970, -20.4580, 28.5051



Tritanopia

198.3390, 9.1999, -10.8213

Trichromacy



Original Color

192.8630, -19.1595, -14.7889

Protanomaly

195.5880, -21.9819, 3.8693

Deuteranomaly

197.5120, -19.9724, 12.7060

Tritanomaly

196.2820, -1.1250, -12.5253

Monochromacy



Original Color

192.8630, -19.1595, -14.7889

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1320, -6.9671, -5.3778

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8630, -19.1595, -14.7889 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(176, 209, 154)` looks like.

```
.text, #text, p{  
    color:rgb(176, 209, 154)  
}
```

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(176, 209, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 209, 154) }
```

Border

The CSS property to change the border of an element to YUV 192.8630, -19.1595, -14.7889 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(176, 209, 154) }
```


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

```
.border{ border-color:rgb(176, 209, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 209, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 209, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 209, 154); box-shadow:4px 4px 4px 4px rgb(176, 209, 154) }
```

Background

The CSS property to change the background color of an element to YUV 192.8630, -19.1595, -14.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 209, 154) }
```

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

```
.background{ background-color: rgb(176,  
209, 154) }
```

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