

Converting Colors

YUV(180.7620, -9.2497,
-19.9623)

Have a look what the booklet for
YUV(180.7620, -9.2497, -19.9623)
contains.

YUV(180.7620, -9.2497, -19.9623)	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(180.7620, -9.2497,
-19.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC4A2
RGB	158, 196, 162
RGB Percent	62%, 77%, 64%
CMY	0.3804, 0.2314, 0.3647
CMYK	0.19, 0.00, 0.17, 0.23
HSL	126°, 24%, 69%
HSV	126°, 19%, 77%
XYZ	40.3621, 49.3576, 41.5821
YIQ	180.7620, -11.7340, -18.6300

Conversions

Conversions Part 2

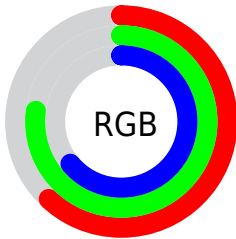
Format	Color
RYB	158, 192, 196
Decimal	10405026
CIELab	75.67, -19.32, 12.95
CIElCh	76, 23.262, 146.162
Yxy	49.3576, 0.3074, 0.3759
Android (android.graphics.Color)	4288595106 (0xFF9EC4A2)
YUV	180.7620, -9.2497, -19.9623
Hunter-Lab	70.2550, -20.3964, 14.0863

Details

The YUV color **180.7620, -9.2497, -19.9623** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.2380, 9.2497, 19.9623**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9360, -9.8284, -20.9919**, and **127.5880, -8.6709, -18.9327** is the 20% darker color. If you saturate the color by 10%, you get **172.7300, -14.1639, -30.4582**, and if you desaturate by 10%, it is **188.7940, -4.3354, -9.4663**.

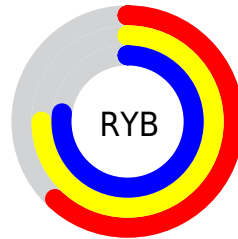
Distribution



Red (62%)

Green (77%)

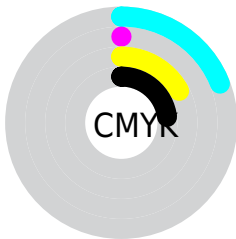
Blue (64%)



Red (62%)

Yellow (75%)

Blue (77%)

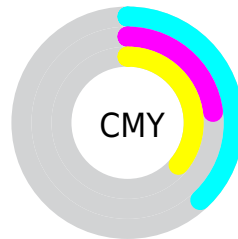


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7620, -9.2497, -19.9623 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 180.7620, -9.2497, -19.9623 by changing the saturation by 10% instead.

■ 180.7620, -9.2497,
-19.9623

■ 180.7620, -9.2497,
-19.9623

255.0000, 0.0000,
0.0000

■ 154.1750, -8.9603,
-19.4475

■ 236.9360, -9.8284,
-20.9919

■ 127.5880, -8.6709,
-18.9327

■ 249.9730, -2.4517,
-6.9923

■ 102.1150, -7.9447,
-18.5179

■ 78.2290, -7.5079,
-18.6178

■ 54.6420, -7.2185,
-18.1030

■ 31.9840, -5.9081,
-18.4030

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 180.7620, -9.2497,
-19.9623

■ 180.7620, -9.2497,
-19.9623

■ 172.7300,
-14.1639, -30.4582

■ 188.7940, -4.3354,
-9.4663

■ 165.1110,
-18.7887, -40.4393

■ 196.4130, 0.2894,
0.5148

■ 157.0790,
-23.7029, -50.9353

■ 204.4450, 5.2036,
11.0107

■ 149.4600,
-28.3278, -60.9164

■ 212.0640, 9.8284,
20.9919

■ 141.4280,
-33.2420, -71.4124

■ 219.7970, 14.8901,
30.8730

■ 133.5100,
-37.7194, -82.0083

■ 220.3670, 17.0741,
30.3731

■ 125.7770,
-42.7811, -91.8894

■ 117.8590,
-47.2585, -102.4853

■ 117.4460,
-47.5479, -103.0001

Harmonies

Analogous

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



183.7060, -17.6031, -0.6192



180.7620, -9.2497, -19.9623



178.6380, 2.1505, -36.5165

Triad

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



180.7620, -9.2497, -19.9623



183.9920, 22.1889, -23.6720



189.2990, -10.0074, 36.5718

Complementary

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



180.7620, -9.2497, -19.9623



173.2380, 9.2497, 19.9623

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.



189.9100, 0.0444, 32.5279



180.7620, -9.2497, -19.9623



188.3970, 18.0453, -1.2252

Square

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



180.7620, -9.2497, -19.9623



179.7250, 20.3486, -40.1008



190.1670, 10.2707, 19.1475



187.9040, -17.7007, 30.7792

Rectangle

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



180.7620, -9.2497, -19.9623



177.6570, 10.0291, -43.5492



190.1670, 10.2707, 19.1475



189.3960, -7.0972, 36.4867

Sweetspot

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



180.7620, -9.2497, -19.9623



248.9190, -3.9041, -7.8220



190.4720, -16.0087, 1.3401



124.3970, -2.1677, -4.7332



0.0000, 0.0000, 0.0000



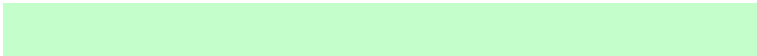
128.0000, 0.0000, 0.0000

Same Dimension

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



180.7620, -9.2497, -19.9623



231.4310, -14.0165, -31.0730



182.9280, -0.9505, -21.8619



92.9840, -2.4571, -5.2480



96.4450, -39.1664, -84.5823



19.7130, -8.2395, -17.2883

Inverse Universe

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



173.2380, 9.2497, 19.9623



219.6830, 14.4533, 30.9730



171.0720, 0.9505, 21.8619



91.0160, 2.4571, 5.2480



64.5550, 39.1664, 84.5823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 180.7620, -9.2497, -19.9623 looks on a white background.

Color Contrast Check

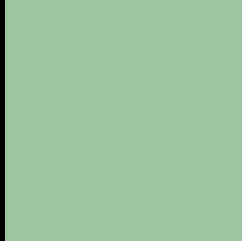
Large Text (above 18pt) WCAG AA × Fail

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 180.7620, -9.2497, -19.9623 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 180.7620, -9.2497, -19.9623 Background



This preview shows how black text looks on a background with the YUV color 180.7620, -9.2497, -19.9623.



This preview shows how white text looks on a background with the YUV color 180.7620, -9.2497, -19.9623.

-19.9623.

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

180.7620, -9.2497, -19.9623

Protanopia

185.6840, -14.1412, 9.0471

Deuteranopia

186.9720, -10.8322, 21.0726



Tritanopia

184.2350, 10.2371, -16.8691

Trichromacy



Original Color

180.7620, -9.2497, -19.9623

Protanomaly

184.0740, -12.3615, -1.8189

Deuteranomaly

184.6990, -10.2046, 6.4030

Tritanomaly

182.6880, 3.1118, -18.1434

Monochromacy



Original Color

180.7620, -9.2497, -19.9623

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7620, -9.2497, -19.9623 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(158, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 196, 162)  
}
```

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(158, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 196, 162) }
```

Border

The CSS property to change the border of an element to YUV 180.7620, -9.2497, -19.9623 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(158, 196, 162) }
```


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

```
.border{ border-color:rgb(158, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 196,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 180.7620, -9.2497, -19.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 196, 162) }
```

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

```
.background{ background-color: rgb(158,  
196, 162) }
```

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