

Converting Colors

YUV(164.8040, -19.6234,
-5.9671)

Have a look what the booklet for
YUV(164.8040, -19.6234, -5.9671)
contains.

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Color

**YUV(164.8040, -19.6234,
-5.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB07D
RGB	158, 176, 125
RGB Percent	62%, 69%, 49%
CMY	0.3804, 0.3098, 0.5098
CMYK	0.10, 0.00, 0.29, 0.31
HSL	81°, 24%, 59%
HSV	81°, 29%, 69%
XYZ	33.3276, 39.8004, 25.3277
YIQ	164.8040, 5.6430, -19.6770

Conversions

Conversions Part 2

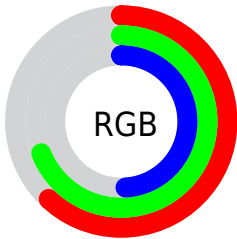
Format	Color
RYB	125, 176, 143
Decimal	10399869
CIELab	69.33, -15.21, 24.11
CIElCh	69, 28.510, 122.239
Yxy	39.8004, 0.3385, 0.4042
Android (android.graphics.Color)	4288589949 (0xFF9EB07D)
YUV	164.8040, -19.6234, -5.9671
Hunter-Lab	63.0876, -16.1063, 20.3582

Details

The YUV color **164.8040, -19.6234, -5.9671** is a light color, and the websafe version is hex **999966**. A complement of this color would be **136.1960, 19.6234, 5.9671**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1630, -20.7864, -6.2820**, and **112.5590, -18.0236, -5.7522** is the 20% darker color. If you saturate the color by 10%, you get **160.9580, -26.6013, -7.8562**, and if you desaturate by 10%, it is **168.6500, -12.6455, -4.0781**.

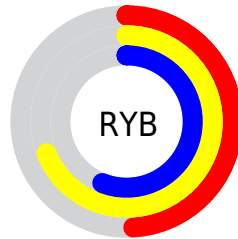
Distribution



Red (62%)

Green (69%)

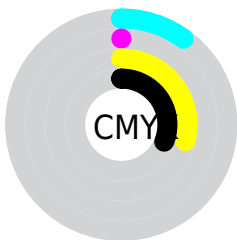
Blue (49%)



Red (49%)

Yellow (69%)

Blue (56%)

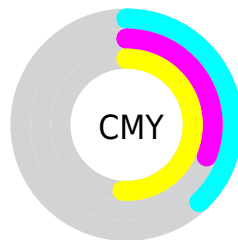


Cyan (10%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8040, -19.6234, -5.9671 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 164.8040, -19.6234, -5.9671 by changing the saturation by 10% instead.

■ 164.8040,
-19.6234, -5.9671

■ 164.8040,
-19.6234, -5.9671

■ 255.0000, 0.0000,
0.0000

■ 138.3310,
-18.8972, -5.5523

■ 220.1630,
-20.7864, -6.2820

■ 112.5590,
-18.0236, -5.7522

■ 245.5270,
-19.4868, -3.0932

■ 88.2600, -17.8762,
-6.3670

■ 252.6060, -9.1728,
2.0995

■ 64.7870, -17.1500,
-5.9522

■ 41.7870, -17.1500,
-5.9522

■ 21.7850, -10.7400,
-8.5814

■ 0.0000, 0.0000,

0.0000

■ 164.8040,
-19.6234, -5.9671

■ 164.8040,
-19.6234, -5.9671

■ 160.9580,
-26.6013, -7.8562

■ 168.6500,
-12.6455, -4.0781

■ 157.2260,
-33.1424, -9.8452

■ 172.3820, -6.1043,
-2.0890

■ 153.0810,
-39.9729, -12.3490

■ 176.5270, 0.7262,
0.4148

■ 149.3490,
-46.5141, -14.3381

■ 180.2590, 7.2673,
2.4039

■ 145.5030,
-53.4920, -16.2271

■ 184.1050, 14.2452,
4.2929

■ 141.6570,
-60.4699, -18.1162

■ 187.9510, 21.2232,
6.1820

■ 137.9250,
-67.0110, -20.1052

■ 191.6830, 27.7643,
8.1710

■ 137.3980,
-67.7372, -20.5200

■ 194.5740, 29.7900,
11.7746

■ 196.3680, 28.9056,
15.4633

Harmonies

Analogous

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



167.6820, -24.4932, 16.0649



164.8040, -19.6234, -5.9671



160.9350, -8.3490, -28.8840

Triad

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



164.8040, -19.6234, -5.9671



159.9780, 26.6328, -49.0927



172.6830, -2.3087, 40.6200

Complementary

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



164.8040, -19.6234, -5.9671



136.1960, 19.6234, 5.9671

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.



173.5100, 10.1016, 26.7397



164.8040, -19.6234, -5.9671



167.0180, 26.1201, -24.5718

Square

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



164.8040, -19.6234, -5.9671



156.0770, 19.6820, -59.7035



172.0000, 20.2130, 3.5080



171.3060, -13.9549, 42.7046

Rectangle

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



164.8040, -19.6234, -5.9671



158.3660, 1.2986, -43.2940



172.0000, 20.2130, 3.5080



173.3990, 1.7753, 37.3611

Sweetspot

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



164.8040, -19.6234, -5.9671



225.2140, -7.9935, -2.8187



150.8150, -12.7268, 22.0872



112.0230, -4.9413, -1.7742



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



164.8040, -19.6234, -5.9671



212.0950, -31.1058, -9.7303



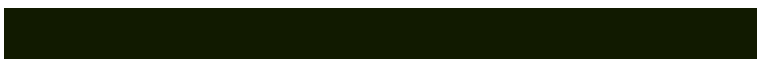
157.3290, -15.9382, -21.3365



87.0770, -3.4890, -0.9445



119.4120, -58.8701, -17.9013



20.3450, -10.0301, -2.9336

Inverse Universe

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



136.1960, 19.6234, 5.9671



166.9050, 31.1058, 9.7303



143.6710, 15.9382, 21.3365



81.9230, 3.4890, 0.9445



33.5880, 58.8701, 17.9013



5.6550, 10.0301, 2.9336

Previews

White Background



This preview shows how the YUV color 164.8040, -19.6234, -5.9671 looks on a white background.

Color Contrast Check

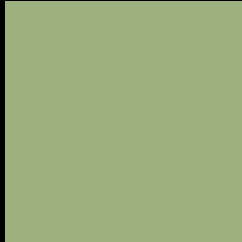
Large Text (above 18pt) WCAG AA × Fail

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 164.8040, -19.6234, -5.9671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

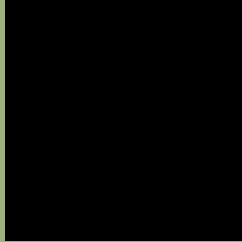
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.8040, -19.6234, -5.9671

Background



This preview shows how black text looks on a background with the YUV color 164.8040, -19.6234, -5.9671.



This preview shows how white text looks on a background with the YUV color 164.8040, -19.6234, -5.9671.

-5.9671.

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

164.8040, -19.6234, -5.9671

Protanopia

167.5290, -22.4458, 12.6911

Deuteranopia

169.1870, -20.3052, 26.1460



Tritanopia

169.5850, 6.1206, -3.1440

Trichromacy



Original Color

164.8040, -19.6234, -5.9671

Protanomaly

166.7130, -21.5505, 5.5137

Deuteranomaly

167.5230, -19.9778, 14.4503

Tritanomaly

168.0550, -3.4781, -4.4332

Monochromacy



Original Color

164.8040, -19.6234, -5.9671

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8040, -19.6234, -5.9671 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, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 125)  
}
```

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, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 125) }
```

Border

The CSS property to change the border of an element to YUV 164.8040, -19.6234, -5.9671 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, 176, 125) }
```


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

```
.border{ border-color:rgb(158, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 164.8040, -19.6234, -5.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 125) }
```

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

```
.background{ background-color: rgb(158,  
176, 125) }
```

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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