

Converting Colors

YUV(159.7960, -24.0564,
15.9649)

Have a look what the booklet for
YUV(159.7960, -24.0564, 15.9649)
contains.

YUV(159.7960, -24.0564, 15.9649)	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(159.7960, -24.0564,
15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A06F
RGB	178, 160, 111
RGB Percent	70%, 63%, 44%
CMY	0.3020, 0.3725, 0.5647
CMYK	0.00, 0.10, 0.38, 0.30
HSL	44°, 30%, 57%
HSV	44°, 38%, 70%
XYZ	33.8001, 35.7543, 20.1587
YIQ	159.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

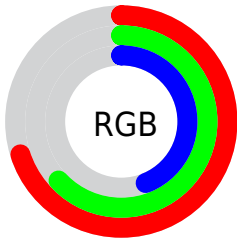
Format	Color
RYB	136, 178, 111
Decimal	11706479
CIELab	66.33, -0.64, 27.96
CIELCh	66, 27.969, 91.309
Yxy	35.7543, 0.3768, 0.3985
Android (android.graphics.Color)	4289896559 (0xFFB2A06F)
YUV	159.7960, -24.0564, 15.9649
Hunter-Lab	59.7949, -3.7407, 21.8679

Details

The YUV color **159.7960, -24.0564, 15.9649** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129.2040, 24.0564, -15.9649**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0520, -25.6616, 17.4944**, and **108.1270, -22.7406, 13.9206** is the 20% darker color. If you saturate the color by 10%, you get **154.8090, -30.4718, 20.3385**, and if you desaturate by 10%, it is **164.7830, -17.6410, 11.5913**.

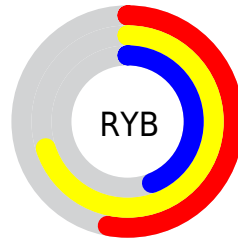
Distribution



Red (70%)

Green (63%)

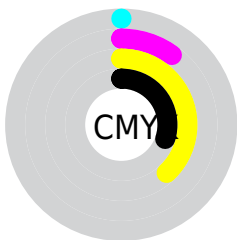
Blue (44%)



Red (53%)

Yellow (70%)

Blue (44%)

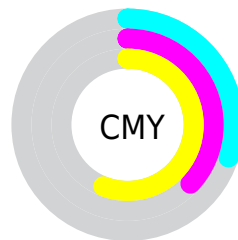


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7960, -24.0564, 15.9649 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 159.7960, -24.0564, 15.9649 by changing the saturation by 10% instead.

■ 159.7960,
-24.0564, 15.9649

■ 159.7960,
-24.0564, 15.9649

■ 255.0000, 0.0000,
0.0000

■ 133.6110,
-23.4722, 15.2502

■ 215.0520,
-25.6616, 17.4944

■ 108.1270,
-22.7406, 13.9206

■ 240.5460,
-24.9192, 12.6762

■ 83.7570, -21.5722,
12.4911

■ 250.7820,
-16.1615, 3.6992

■ 59.5720, -20.9880,
11.7764

■ 254.0880, -3.4944,
0.7998

■ 38.4300, -18.9460,
10.1469

■ 19.5140, -9.6204,
5.6882

■ 0.0000, 0.0000,

0.0000

■ 159.7960,
-24.0564, 15.9649

■ 159.7960,
-24.0564, 15.9649

■ 154.8090,
-30.4718, 20.3385

■ 164.7830,
-17.6410, 11.5913

■ 149.8220,
-36.8872, 24.7121

■ 169.7700,
-11.2256, 7.2177

■ 145.5360,
-43.1552, 28.4709

■ 174.0560, -4.9576,
3.4589

■ 140.5490,
-49.5707, 32.8445

■ 179.0430, 1.4578,
-0.9147

■ 135.5620,
-55.9861, 37.2181

■ 184.0300, 7.8732,
-5.2883

■ 130.5750,
-62.4015, 41.5917

■ 189.0170, 14.2886,
-9.6619

■ 129.5320,
-63.8593, 42.5064

■ 193.4170, 20.9934,
-13.5207

■ 198.2900, 26.9720,
-17.7943

■ 201.4530, 26.3987,
-20.5683

Harmonies

Analogous

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



162.1770, -21.7793, 32.2938



159.7960, -24.0564, 15.9649



157.2170, -19.3340, -5.4523

Triad

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



159.7960, -24.0564, 15.9649



147.8600, 18.8030, -57.7592



164.9120, 10.3964, 25.5102

Complementary

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



159.7960, -24.0564, 15.9649



129.2040, 24.0564, -15.9649

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.



163.2880, 20.0710, 2.3784



159.7960, -24.0564, 15.9649



151.8640, 26.1960, -48.9927

Square

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



159.7960, -24.0564, 15.9649



149.5980, 6.1142, -47.8824



158.6050, 25.8307, -25.0866



165.0850, -2.0139, 39.3905

Rectangle

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



159.7960, -24.0564, 15.9649



154.5510, -12.5966, -19.7772



158.6050, 25.8307, -25.0866



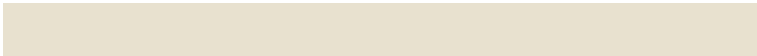
165.0790, 13.7651, 18.3477

Sweetspot

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



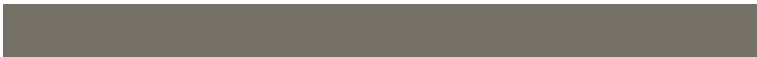
159.7960, -24.0564, 15.9649



225.0410, -8.8942, 6.1030



133.1990, -1.5771, 39.2905



112.9420, -5.3944, 3.5589



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.7960, -24.0564, 15.9649



203.7080, -37.3240, 24.8121



165.8770, -27.0544, -2.5231



86.8000, -3.3524, 1.9294



111.4910, -54.9651, 36.4034



18.9270, -9.3310, 6.2030

Inverse Universe

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



129.2040, 24.0564, -15.9649



156.2920, 37.3240, -24.8121



123.1230, 27.0544, 2.5231



82.7870, 3.0630, -2.4442



41.5090, 54.9651, -36.4034



7.0730, 9.3310, -6.2030

Previews

White Background



This preview shows how the YUV color 159.7960, -24.0564, 15.9649 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 159.7960, -24.0564, 15.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

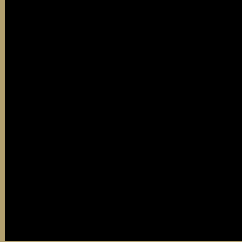
Any Text WCAG AA ✓ Pass

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 159.7960, -24.0564, 15.9649 Background



This preview shows how black text looks on a background with the YUV color 159.7960, -24.0564, 15.9649.

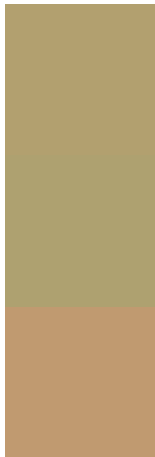


This preview shows how white text looks on a background with the YUV color 159.7960, -24.0564, 15.9649.

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

159.7960, -24.0564, 15.9649

Protanopia

159.3010, -23.3194, 12.8910

Deuteranopia

160.5740, -23.9470, 27.5606



Tritanopia

163.6370, 0.6720, 17.8584

Trichromacy



Original Color

159.7960, -24.0564, 15.9649

Protanomaly

159.6000, -23.4668, 13.5058

Deuteranomaly

160.2530, -23.7887, 23.4571

Tritanomaly

162.5200, -8.6374, 17.0840

Monochromacy



Original Color

159.7960, -24.0564, 15.9649

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7960, -24.0564, 15.9649 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(178, 160, 111)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 111)  
}
```

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(178, 160, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 111) }
```

Border

The CSS property to change the border of an element to YUV 159.7960, -24.0564, 15.9649 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(178, 160, 111) }
```


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

```
.border{ border-color:rgb(178, 160, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 111);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 159.7960, -24.0564, 15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 111) }
```

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

```
.background{ background-color: rgb(178,  
160, 111) }
```

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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