

Converting Colors

YUV(165.1910, -19.8142,
8.6025)

Have a look what the booklet for
YUV(165.1910, -19.8142, 8.6025)
contains.

YUV(165.1910, -19.8142, 8.6025)	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(165.1910, -19.8142,
8.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA87D
RGB	175, 168, 125
RGB Percent	69%, 66%, 49%
CMY	0.3137, 0.3412, 0.5098
CMYK	0.00, 0.04, 0.29, 0.31
HSL	52°, 24%, 59%
HSV	52°, 29%, 69%
XYZ	35.3835, 38.5999, 24.9877
YIQ	165.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

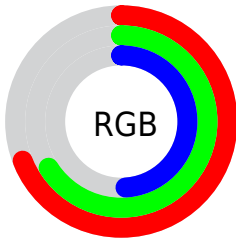
Format	Color
RYB	133, 175, 125
Decimal	11511933
CIELab	68.46, -4.37, 23.17
CIELCh	68, 23.581, 100.672
Yxy	38.5999, 0.3575, 0.3900
Android (android.graphics.Color)	4289702013 (0xFFAFA87D)
YUV	165.1910, -19.8142, 8.6025
Hunter-Lab	62.1288, -7.0664, 19.6443

Details

The YUV color **165.1910, -19.8142, 8.6025** is a light color, and the websafe version is hex **999966**. A complement of this color would be **134.8090, 19.8142, -8.6025**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2620, -20.8352, 9.4172**, and **113.2340, -18.3564, 7.6878** is the 20% darker color. If you saturate the color by 10%, you get **161.9650, -27.0977, 11.4317**, and if you desaturate by 10%, it is **168.4170, -12.5306, 5.7733**.

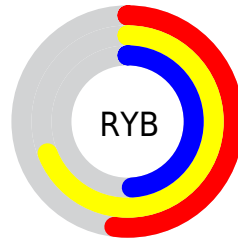
Distribution



Red (69%)

Green (66%)

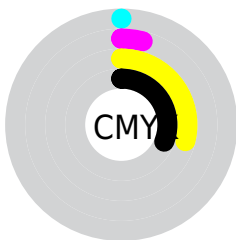
Blue (49%)



Red (52%)

Yellow (69%)

Blue (49%)

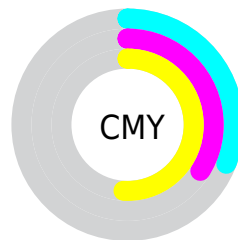


Cyan (0%)

Magenta (4%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1910, -19.8142, 8.6025 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 165.1910, -19.8142, 8.6025 by changing the saturation by 10% instead.

■ 165.1910,
-19.8142, 8.6025

■ 165.1910,
-19.8142, 8.6025

255.0000, 0.0000,
0.0000

■ 139.0060,
-19.2300, 7.8877

■ 220.2620,
-20.8352, 9.4172

■ 113.2340,
-18.3564, 7.6878

■ 247.5390,
-20.9717, 6.5433

■ 88.6360, -18.0615,
6.4582

■ 252.6060, -9.1728,
2.0995

■ 64.8640, -17.1880,
6.2583

■ 42.5650, -17.0405,
5.6435

■ 22.7480, -11.2148,
3.7290

■ 0.0000, 0.0000,

0.0000

■ 165.1910,
-19.8142, 8.6025

■ 165.1910,
-19.8142, 8.6025

■ 161.9650,
-27.0977, 11.4317

■ 168.4170,
-12.5306, 5.7733

■ 158.2660,
-33.6551, 14.6757

■ 172.1160, -5.9732,
2.5293

■ 155.1540,
-40.5019, 17.4049

■ 175.3420, 1.3104,
-0.2999

■ 151.3410,
-47.4961, 20.7489

■ 179.0410, 7.8678,
-3.5440

■ 148.1150,
-54.7797, 23.5781

■ 182.1530, 14.7146,
-6.2732

■ 144.4160,
-61.3371, 26.8222

■ 185.9660, 21.7088,
-9.6172

■ 141.1900,
-68.6207, 29.6514

■ 189.0780, 28.5555,
-12.3464

■ 140.9620,
-69.4943, 29.8513

■ 191.7510, 31.1818,
-14.6906

■ 192.9250, 30.6030,
-15.7202

Harmonies

Analogous

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



167.2900, -19.8630, 24.3017



165.1910, -19.8142, 8.6025



162.5630, -14.0816, -10.1408

Triad

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



165.1910, -19.8142, 8.6025



158.0080, 17.7441, -44.7340



170.6580, 5.5916, 26.6099

Complementary

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



165.1910, -19.8142, 8.6025



134.8090, 19.8142, -8.6025

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.



169.8390, 14.3764, 8.9112



165.1910, -19.8142, 8.6025



161.9260, 22.2215, -34.1381

Square

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



165.1910, -19.8142, 8.6025



157.5000, 8.1345, -42.5345



166.7160, 20.8460, -12.9059



170.2540, -5.0552, 34.8572

Rectangle

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



165.1910, -19.8142, 8.6025



160.7940, -7.7864, -22.6213



166.7160, 20.8460, -12.9059



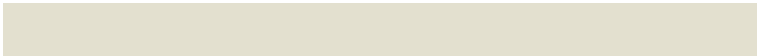
170.7220, 8.5181, 21.2918

Sweetspot

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



165.1910, -19.8142, 8.6025



222.9590, -7.8678, 3.5440



140.8620, -3.8760, 29.9390



112.3440, -5.0996, 2.3293



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.



165.1910, -19.8142, 8.6025



211.7650, -30.4501, 13.3611



163.9180, -19.1866, -6.0671



84.8000, -3.3524, 1.9294



120.5730, -59.4425, 25.8075



18.6170, -9.1782, 3.8439

Inverse Universe

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



134.8090, 19.8142, -8.6025



165.2350, 30.4501, -13.3611



135.7830, 19.3340, 5.4523



79.6130, 3.6418, -1.4146



29.4270, 59.4425, -25.8075



4.3830, 9.1782, -3.8439

Previews

White Background



This preview shows how the YUV color 165.1910, -19.8142, 8.6025 looks on a white background.

Color Contrast Check

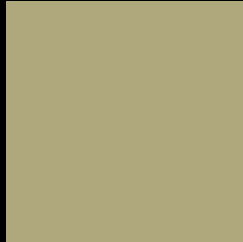
Large Text (above 18pt) WCAG AA × Fail

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 165.1910, -19.8142, 8.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

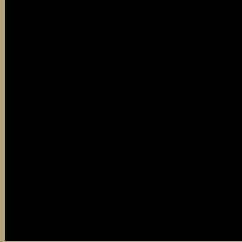
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1910, -19.8142, 8.6025

Background



This preview shows how black text looks on a background with the YUV color 165.1910, -19.8142, 8.6025.



This preview shows how white text looks on a background with the YUV color 165.1910, -19.8142, 8.6025.

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

165.1910, -19.8142, 8.6025

Protanopia

165.6860, -20.5512, 11.6764

Deuteranopia

167.0020, -19.7210, 25.4312



Tritanopia

169.0490, 2.4408, 10.4810

Trichromacy



Original Color

165.1910, -19.8142, 8.6025

Protanomaly

165.3870, -20.4038, 11.0616

Deuteranomaly

166.2570, -19.8467, 19.0686

Tritanomaly

167.5730, -5.7055, 10.0215

Monochromacy



Original Color

165.1910, -19.8142, 8.6025

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1910, -19.8142, 8.6025 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(175, 168, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 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(175, 168, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 125) }
```

Border

The CSS property to change the border of an element to YUV 165.1910, -19.8142, 8.6025 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(175, 168, 125) }
```


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

```
.border{ border-color:rgb(175, 168, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 165.1910, -19.8142, 8.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 125) }
```

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

```
.background{ background-color: rgb(175,  
168, 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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