

Converting Colors

YUV(165.2970, -13.9504,
-5.5225)

Have a look what the booklet for
YUV(165.2970, -13.9504, -5.5225)
contains.

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Color

**YUV(165.2970, -13.9504,
-5.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAE89
RGB	159, 174, 137
RGB Percent	62%, 68%, 54%
CMY	0.3765, 0.3176, 0.4627
CMYK	0.09, 0.00, 0.21, 0.32
HSL	84°, 19%, 61%
HSV	84°, 21%, 68%
XYZ	33.9495, 39.4492, 29.4920
YIQ	165.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

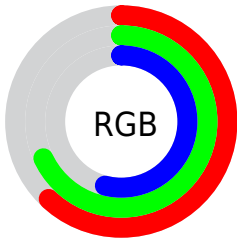
Format	Color
RYB	137, 174, 152
Decimal	10464905
CIELab	69.08, -11.94, 17.28
CIELCh	69, 21.005, 124.655
Yxy	39.4492, 0.3300, 0.3834
Android (android.graphics.Color)	4288654985 (0xFF9FAE89)
YUV	165.2970, -13.9504, -5.5225
Hunter-Lab	62.8086, -13.4316, 16.1261

Details

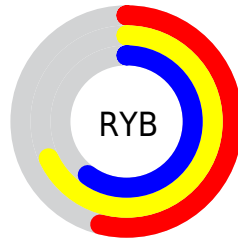
The YUV color **165.2970, -13.9504, -5.5225** is a light color, and the websafe version is hex **999966**. A complement of this color would be **145.7030, 13.9504, 5.5225**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0690, -14.8240, -5.3225**, and **113.5250, -13.0768, -5.7224** is the 20% darker color. If you saturate the color by 10%, you get **161.2660, -20.3441, -8.1263**, and if you desaturate by 10%, it is **169.3280, -7.5567, -2.9187**.

Distribution



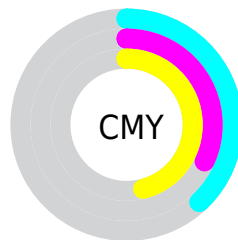
- Red (62%)
- Green (68%)
- Blue (54%)



- Red (54%)
- Yellow (68%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (38%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2970, -13.9504, -5.5225 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 165.2970, -13.9504, -5.5225 by changing the saturation by 10% instead.

■ 165.2970,
-13.9504, -5.5225

■ 165.2970,
-13.9504, -5.5225

■ 255.0000, 0.0000,
0.0000

■ 138.8240,
-13.2242, -5.1076

■ 220.0690,
-14.8240, -5.3225

■ 113.5250,
-13.0768, -5.7224

■ 246.8950,
-14.2452, -4.2929

■ 88.9380, -12.7874,
-5.2076

■ 254.0880, -3.4944,
0.7998

■ 65.1660, -11.9138,
-5.4076

■ 42.6930, -11.1876,
-4.9928

■ 22.4050, -11.0457,
-3.8632

■ 0.0000, 0.0000,

0.0000

■ 165.2970,
-13.9504, -5.5225

■ 165.2970,
-13.9504, -5.5225

■ 161.2660,
-20.3441, -8.1263

■ 169.3280, -7.5567,
-2.9187

■ 157.1210,
-27.1747, -10.6301

■ 173.4730, -0.7262,
-0.4148

■ 153.0900,
-33.5684, -13.2339

■ 177.5040, 5.6675,
2.1890

■ 148.9450,
-40.3989, -15.7378

■ 181.6490, 12.4980,
4.6928

■ 144.9140,
-46.7926, -18.3416

■ 185.6800, 18.8918,
7.2966

■ 140.8830,
-53.1863, -20.9454

■ 189.7110, 25.2855,
9.9005

■ 136.7380,
-60.0168, -23.4492

■ 193.4000, 30.3688,
12.8042

■ 132.9350,
-65.5370, -26.2530

■ 195.4930, 29.3370,
17.1076

■ 197.5860, 28.3051,
21.4111

Harmonies

Analogous

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



167.3700, -17.9304, 11.0765



165.2970, -13.9504, -5.5225



163.0760, -5.4605, -21.9917

Triad

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



165.2970, -13.9504, -5.5225



163.7260, 18.8691, -32.2087



171.8020, -2.8604, 30.8686

Complementary

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



165.2970, -13.9504, -5.5225



145.7030, 13.9504, 5.5225

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.



171.8530, 6.4815, 21.1769



165.2970, -13.9504, -5.5225



167.5370, 18.9623, -15.3799

Square

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



165.2970, -13.9504, -5.5225



161.3030, 13.6546, -39.7307



171.1050, 14.2452, 4.2929



170.9240, -11.3015, 31.6387

Rectangle

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



165.2970, -13.9504, -5.5225



161.1440, 1.4080, -31.6983



171.1050, 14.2452, 4.2929



171.7030, 0.6394, 28.3245

Sweetspot

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



165.2970, -13.9504, -5.5225



223.6100, -5.2307, -2.2890



156.8680, -9.7949, 15.0248



112.8920, -2.9048, -1.6593



242.0000, 0.0000, 0.0000



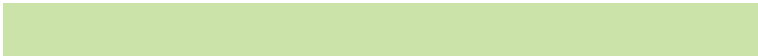
115.0000, 0.0000, 0.0000

Same Dimension

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



165.2970, -13.9504, -5.5225



213.0980, -22.2333, -8.8559



159.9150, -11.2971, -16.5885



84.7780, -3.3416, -1.5593



114.6610, -56.5279, -22.5047



17.6870, -8.7197, -3.2335

Inverse Universe

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



145.7030, 13.9504, 5.5225



181.9020, 22.2333, 8.8559



151.0850, 11.2971, 16.5885



80.2220, 3.3416, 1.5593



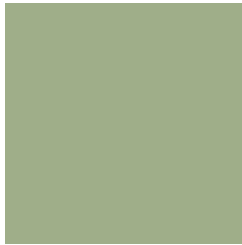
35.3390, 56.5279, 22.5047



5.3130, 8.7197, 3.2335

Previews

White Background



This preview shows how the YUV color 165.2970, -13.9504, -5.5225 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 165.2970, -13.9504, -5.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

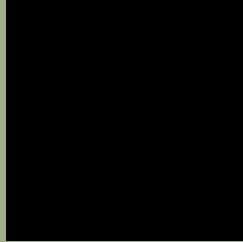
Any Text WCAG AA ✓ Pass

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 165.2970, -13.9504, -5.5225 Background



This preview shows how black text looks on a background with the YUV color 165.2970, -13.9504, -5.5225.



This preview shows how white text looks on a background with the YUV color 165.2970, -13.9504, -5.5225.

-5.5225.

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

165.2970, -13.9504, -5.5225

Protanopia

167.4130, -16.4726, 10.1618

Deuteranopia

169.2450, -14.9108, 22.5871



Tritanopia

168.5850, 6.1206, -3.1440

Trichromacy



Original Color

165.2970, -13.9504, -5.5225

Protanomaly

166.6080, -15.5827, 4.7288

Deuteranomaly

167.5920, -14.5889, 12.6358

Tritanomaly

167.3370, -1.1521, -3.8035

Monochromacy



Original Color

165.2970, -13.9504, -5.5225

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0230, -4.9413, -1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2970, -13.9504, -5.5225 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(159, 174, 137)` looks like.

```
.text, #text, p{  
    color:rgb(159, 174, 137)  
}
```

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(159, 174, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 174, 137) }
```

Border

The CSS property to change the border of an element to YUV 165.2970, -13.9504, -5.5225 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(159, 174, 137) }
```


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

```
.border{ border-color:rgb(159, 174, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 174, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 174, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 174, 137);  
box-shadow:4px 4px 4px 4px rgb(159, 174,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 165.2970, -13.9504, -5.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 174, 137) }
```

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

```
.background{ background-color: rgb(159,  
174, 137) }
```

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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