

Converting Colors

YUV(165.1350, -14.8566,
5.1436)

Have a look what the booklet for
YUV(165.1350, -14.8566, 5.1436)
contains.

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Color

**YUV(165.1350, -14.8566,
5.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA887
RGB	171, 168, 135
RGB Percent	67%, 66%, 53%
CMY	0.3294, 0.3412, 0.4706
CMYK	0.00, 0.02, 0.21, 0.33
HSL	55°, 18%, 60%
HSV	55°, 21%, 67%
XYZ	35.1704, 38.4125, 28.4823
YIQ	165.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

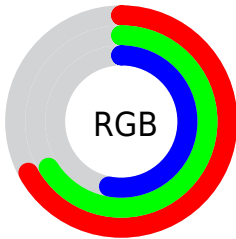
Format	Color
RYB	138, 171, 135
Decimal	11249799
CIELab	68.32, -4.50, 17.48
CIELCh	68, 18.046, 104.441
Yxy	38.4125, 0.3446, 0.3764
Android (android.graphics.Color)	4289439879 (0xFFABA887)
YUV	165.1350, -14.8566, 5.1436
Hunter-Lab	61.9778, -7.1681, 16.1373

Details

The YUV color **165.1350, -14.8566, 5.1436** is a light color, and the websafe version is hex **999966**. A complement of this color would be **140.8650, 14.8566, -5.1436**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2060, -15.8776, 5.9583**, and **113.0640, -13.8356, 4.3289** is the 20% darker color. If you saturate the color by 10%, you get **162.6100, -21.9927, 7.3580**, and if you desaturate by 10%, it is **167.6600, -7.7204, 2.9292**.

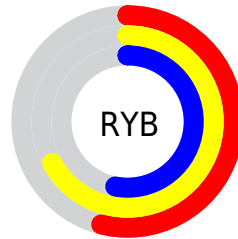
Distribution



Red (67%)

Green (66%)

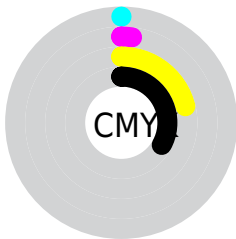
Blue (53%)



Red (54%)

Yellow (67%)

Blue (53%)

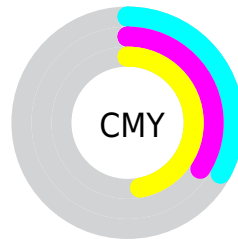


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1350, -14.8566, 5.1436 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 165.1350, -14.8566, 5.1436 by changing the saturation by 10% instead.

■ 165.1350,
-14.8566, 5.1436

■ 165.1350,
-14.8566, 5.1436

■ 255.0000, 0.0000,
0.0000

■ 138.9500,
-14.2723, 4.4289

■ 220.2060,
-15.8776, 5.9583

■ 113.0640,
-13.8356, 4.3289

■ 248.7930,
-16.1669, 5.4435

■ 88.8790, -13.2513,
3.6141

■ 253.8600, -4.3680,
0.9998

■ 65.1070, -12.3778,
3.4142

■ 43.2210, -11.9410,
3.3142

■ 22.7480, -11.2148,
3.7290

■ 0.0000, 0.0000,

0.0000

■ 165.1350,
-14.8566, 5.1436

■ 165.1350,
-14.8566, 5.1436

■ 162.6100,
-21.9927, 7.3580

■ 167.6600, -7.7204,
2.9292

■ 159.4980,
-28.8395, 10.0873

■ 170.7720, -0.8736,
0.2000

■ 156.9730,
-35.9757, 12.3017

■ 173.2970, 6.2626,
-2.0145

■ 153.8610,
-42.8225, 15.0309

■ 176.4090, 13.1094,
-4.7437

■ 151.2220,
-50.3954, 17.3453

■ 178.9340, 20.2455,
-6.9581

■ 148.1100,
-57.2422, 20.0745

■ 182.1600, 27.5291,
-9.7873

■ 145.5850,
-64.3784, 22.2890

■ 184.6850, 34.6653,
-12.0017

■ 143.2880,
-70.6410, 24.3034

■ 185.2720, 34.3759,
-12.5165

■ 186.4460, 33.7971,
-13.5461

Harmonies

Analogous

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



167.0980, -15.3313, 17.4541



165.1350, -14.8566, 5.1436



163.3010, -10.0084, -9.9110

Triad

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



165.1350, -14.8566, 5.1436



161.0590, 13.7749, -31.6237



169.6420, 3.1345, 21.3620

Complementary

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



165.1350, -14.8566, 5.1436



140.8650, 14.8566, -5.1436

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.



169.1010, 10.3032, 8.6814



165.1350, -14.8566, 5.1436



164.2110, 16.6580, -22.9870

Square

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



165.1350, -14.8566, 5.1436



160.2240, 6.7916, -31.7684



166.6690, 15.4462, -7.6027



169.2100, -5.0335, 27.8798

Rectangle

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



165.1350, -14.8566, 5.1436



161.9130, -4.8871, -19.2177



166.6690, 15.4462, -7.6027



169.6030, 5.6187, 17.8882

Sweetspot

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



165.1350, -14.8566, 5.1436



219.9310, -5.3890, 1.8145



146.1060, -3.9963, 21.8320



111.0880, -3.4944, 0.7998



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



165.1350, -14.8566, 5.1436



212.6810, -23.0137, 8.1728



162.4110, -13.5136, -5.6224



85.3870, -3.6418, 1.4146



125.8560, -62.0470, 21.1743



19.2040, -9.4676, 3.3291

Inverse Universe

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



140.8650, 14.8566, -5.1436



175.3190, 23.0137, -8.1728



143.5890, 13.5136, 5.6224



79.6130, 3.6418, -1.4146



24.7310, 61.7576, -21.6891



3.7960, 9.4676, -3.3291

Previews

White Background



This preview shows how the YUV color 165.1350, -14.8566, 5.1436 looks on a white background.

Color Contrast Check

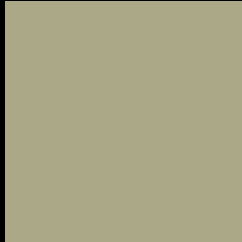
Large Text (above 18pt) WCAG AA × Fail

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 165.1350, -14.8566, 5.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

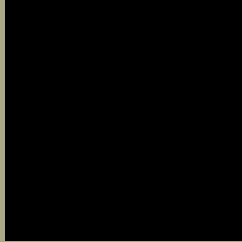
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

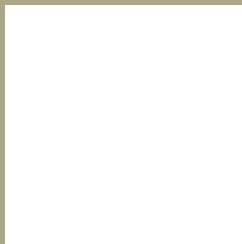
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.1350, -14.8566, 5.1436

Background



This preview shows how black text looks on a background with the YUV color 165.1350, -14.8566, 5.1436.



This preview shows how white text looks on a background with the YUV color 165.1350, -14.8566, 5.1436.

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

165.1350, -14.8566, 5.1436

Protanopia

165.6410, -15.5990, 9.9618

Deuteranopia

167.2450, -14.9108, 22.5871



Tritanopia

167.6680, 3.6147, 7.3072

Trichromacy



Original Color

165.1350, -14.8566, 5.1436

Protanomaly

165.6300, -15.5936, 8.2175

Deuteranomaly

166.5000, -15.0365, 16.2245

Tritanomaly

166.5340, -3.2213, 6.5477

Monochromacy



Original Color

165.1350, -14.8566, 5.1436

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1350, -14.8566, 5.1436 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(171, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 135)  
}
```

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(171, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 135) }
```

Border

The CSS property to change the border of an element to YUV 165.1350, -14.8566, 5.1436 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(171, 168, 135) }
```


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

```
.border{ border-color:rgb(171, 168, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 165.1350, -14.8566, 5.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 135) }
```

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

```
.background{ background-color: rgb(171,  
168, 135) }
```

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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