

Converting Colors

YUV(163.5260, -14.5563,
2.1697)

Have a look what the booklet for
YUV(163.5260, -14.5563, 2.1697)
contains.

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Color

**YUV(163.5260, -14.5563,
2.1697)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A886
RGB	166, 168, 134
RGB Percent	65%, 66%, 53%
CMY	0.3490, 0.3412, 0.4745
CMYK	0.01, 0.00, 0.20, 0.34
HSL	64°, 16%, 59%
HSV	64°, 20%, 66%
XYZ	34.0316, 37.8335, 28.0632
YIQ	163.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

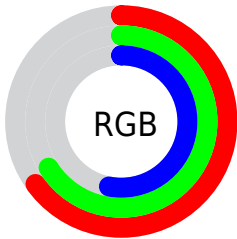
Format	Color
RYB	134, 168, 136
Decimal	10922118
CIELab	67.90, -6.58, 17.37
CIELCh	68, 18.578, 110.751
Yxy	37.8335, 0.3406, 0.3786
Android (android.graphics.Color)	4289112198 (0xFFA6A886)
YUV	163.5260, -14.5563, 2.1697
Hunter-Lab	61.5089, -8.8803, 16.0054

Details

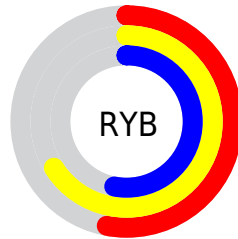
The YUV color $163.5260, -14.5563, 2.1697$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $138.4740, 14.5563, -2.1697$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.2980, -15.4299, 2.3697$, and $111.7540, -13.6827, 1.9697$ is the 20% darker color. If you saturate the color by 10%, you get $161.2890, -21.8345, 3.2545$, and if you desaturate by 10%, it is $165.7630, -7.2782, 1.0848$.

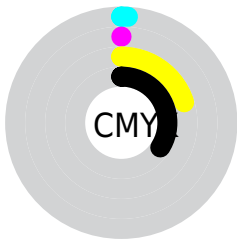
Distribution



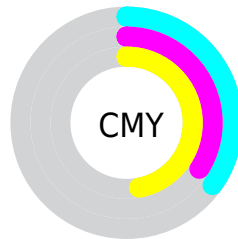
- Red (65%)
- Green (66%)
- Blue (53%)



- Red (53%)
- Yellow (66%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5260, -14.5563, 2.1697 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 163.5260, -14.5563, 2.1697 by changing the saturation by 10% instead.

■ 163.5260,
-14.5563, 2.1697

■ 163.5260,
-14.5563, 2.1697

255.0000, 0.0000,
0.0000

■ 137.3410,
-13.9721, 1.4549

■ 218.2980,
-15.4299, 2.3697

■ 111.7540,
-13.6827, 1.9697

■ 247.1840,
-15.8667, 2.4696

■ 87.5690, -13.0985,
1.2550

■ 253.7460, -4.8048,
1.0998

■ 63.7970, -12.2249,
1.0550

■ 41.9110, -11.7881,
0.9551

■ 21.2530, -10.4777,
0.6551

■ 0.0000, 0.0000,

0.0000

■ 163.5260,
-14.5563, 2.1697

■ 163.5260,
-14.5563, 2.1697

■ 161.2890,
-21.8345, 3.2545

■ 165.7630, -7.2782,
1.0848

■ 159.0520,
-29.1126, 4.3394

■ 168.0000, 0.0000,
0.0000

■ 156.9290,
-35.9540, 5.3243

■ 170.1230, 6.8414,
-0.9849

■ 154.6920,
-43.2322, 6.4091

■ 172.3600, 14.1195,
-2.0697

■ 152.4550,
-50.5103, 7.4940

■ 174.5970, 21.3977,
-3.1546

■ 150.2180,
-57.7885, 8.5788

■ 176.8340, 28.6758,
-4.2394

■ 147.9810,
-65.0666, 9.6637

■ 179.0710, 35.9540,
-5.3243

■ 145.8580,
-71.9080, 10.6485

■ 179.7120, 37.1170,
-5.0094

■ 180.0110, 36.9696,
-4.3946

Harmonies

Analogous

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



165.5600, -16.0521, 15.2949



163.5260, -14.5563, 2.1697



161.3330, -8.5452, -12.5700

Triad

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



163.5260, -14.5563, 2.1697



160.4010, 15.0853, -31.9237



168.4960, 1.2345, 24.1210

Complementary

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



163.5260, -14.5563, 2.1697



138.4740, 14.5563, -2.1697

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.



168.4820, 9.1294, 11.8553



163.5260, -14.5563, 2.1697



163.6350, 16.9419, -20.7279

Square

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



163.5260, -14.5563, 2.1697



158.7830, 8.9810, -34.0127



166.5770, 14.9985, -4.0140



168.0530, -6.9281, 28.8945

Rectangle

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



163.5260, -14.5563, 2.1697



160.0590, -2.9871, -21.9767



166.5770, 14.9985, -4.0140



168.5710, 4.1555, 20.5472

Sweetspot

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



163.5260, -14.5563, 2.1697



217.5180, -5.6784, 1.2997



145.3400, -5.5906, 19.8728



108.7890, -3.3470, 0.1850



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



163.5260, -14.5563, 2.1697



212.1750, -22.2713, 3.3545



158.4430, -12.0504, -8.2815



83.0880, -3.4944, 0.7998



128.4370, -63.3194, 9.2638



17.4210, -8.5886, 1.3848

Inverse Universe

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



138.4740, 14.5563, -2.1697



173.8250, 22.2713, -3.3545



143.5570, 12.0504, 8.2815



76.9120, 3.4944, -0.7998



19.5630, 63.3194, -9.2638



2.5790, 8.5886, -1.3848

Previews

White Background



This preview shows how the YUV color 163.5260, -14.5563, 2.1697 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 163.5260, -14.5563, 2.1697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

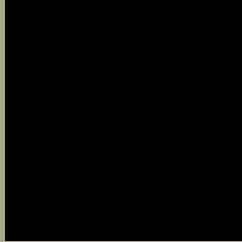
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5260, -14.5563, 2.1697

Background



This preview shows how black text looks on a background with the YUV color 163.5260, -14.5563, 2.1697.



This preview shows how white text looks on a background with the YUV color 163.5260, -14.5563, 2.1697.

2.1697.

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

163.5260, -14.5563, 2.1697

Protanopia

164.6410, -15.5990, 9.9618

Deuteranopia

166.2450, -14.9108, 22.5871



Tritanopia

166.4720, 4.2043, 4.8481

Trichromacy



Original Color

163.5260, -14.5563, 2.1697

Protanomaly

164.0320, -15.2988, 6.9879

Deuteranomaly

165.2010, -14.8891, 15.6097

Tritanomaly

165.3380, -2.6316, 4.0886

Monochromacy



Original Color

163.5260, -14.5563, 2.1697

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5260, -14.5563, 2.1697 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(166, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 168, 134)  
}
```

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(166, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 168, 134) }
```

Border

The CSS property to change the border of an element to YUV 163.5260, -14.5563, 2.1697 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(166, 168, 134) }
```


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

```
.border{ border-color:rgb(166, 168, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 168, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 168, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 168, 134);  
box-shadow:4px 4px 4px 4px rgb(166, 168,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 163.5260, -14.5563, 2.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 168, 134) }
```

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

```
.background{ background-color: rgb(166,  
168, 134) }
```

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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