

Converting Colors

YUV(131.1550, -15.3594,
-20.3069)

Have a look what the booklet for
YUV(131.1550, -15.3594, -20.3069)
contains.

YUV(131.1550, -15.3594, -20.3069)	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(131.1550, -15.3594,
-20.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9564
RGB	108, 149, 100
RGB Percent	42%, 58%, 39%
CMY	0.5765, 0.4157, 0.6078
CMYK	0.28, 0.00, 0.33, 0.42
HSL	110°, 20%, 49%
HSV	110°, 33%, 58%
XYZ	19.2320, 25.6031, 15.9849
YIQ	131.1550, -8.7070, -23.9310

Conversions

Conversions Part 2

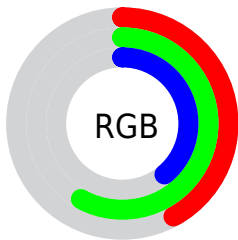
Format	Color
R_{YB}	100, 149, 141
Decimal	7116132
CIE _{Lab}	57.66, -23.95, 21.49
CIE _{LCh}	58, 32.182, 138.103
Yxy	25.6031, 0.3162, 0.4210
Android (android.graphics.Color)	4285306212 (0xFF6C9564)
YUV	131.1550, -15.3594, -20.3069
Hunter-Lab	50.5995, -20.7043, 16.6894

Details

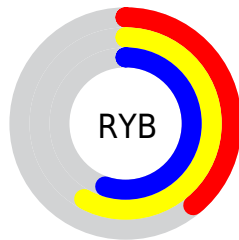
The YUV color $131.1550, -15.3594, -20.3069$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $117.8450, 15.3594, 20.3069$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.5140, -16.5224, -20.6218$, and $81.2090, -13.9070, -19.4773$ is the 20% darker color. If you saturate the color by 10%, you get $125.8570, -20.1425, -26.1846$, and if you desaturate by 10%, it is $136.4530, -10.5763, -14.4293$.

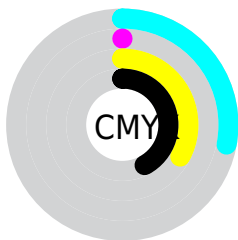
Distribution



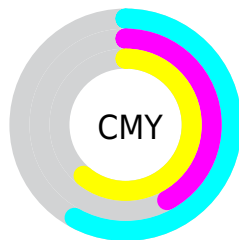
- Red (42%)
- Green (58%)
- Blue (39%)



- Red (39%)
- Yellow (58%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (33%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1550, -15.3594, -20.3069 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 131.1550, -15.3594, -20.3069 by changing the saturation by 10% instead.

■ 131.1550,
-15.3594, -20.3069

■ 131.1550,
-15.3594, -20.3069

■ 255.0000, 0.0000,
0.0000

■ 105.6820,
-14.6332, -19.8921

■ 184.5140,
-16.5224, -20.6218

■ 81.2090, -13.9070,
-19.4773

■ 212.6880,
-17.1012, -21.6514

■ 57.4370, -13.0334,
-19.6772

■ 237.7530,
-15.6542, -19.0774

■ 33.8390, -12.7386,
-20.9068

■ 249.6160, -7.6987,
-4.0482

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 131.1550,
-15.3594, -20.3069

■ 131.1550,
-15.3594, -20.3069

■ 125.8570,
-20.1425, -26.1846

■ 136.4530,
-10.5763, -14.4293

■ 120.2600,
-24.7782, -32.6770

■ 142.0500, -5.9406,
-7.9368

■ 114.9620,
-29.5613, -38.5547

■ 147.3480, -1.1576,
-2.0592

■ 109.3650,
-34.1969, -45.0471

■ 152.9450, 3.4781,
4.4332

■ 104.1810,
-38.5432, -51.0247

■ 158.2430, 8.2612,
10.3109

■ 98.5840, -43.1789,
-57.5172

■ 163.7260, 12.4601,
16.9033

■ 94.6390, -46.6570,
-61.9504

■ 169.0240, 17.2432,
22.7810

■ 174.6210, 21.8788,

29.2734

■ 179.9190, 26.6619,
35.1510

Harmonies

Analogous

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



134.7900, -25.0395, 4.5692



131.1550, -15.3594, -20.3069



125.7030, 0.1464, -47.0975

Triad

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



131.1550, -15.3594, -20.3069



130.4390, 30.8426, -45.9890



140.5930, -9.1663, 46.8379

Complementary

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



131.1550, -15.3594, -20.3069



117.8450, 15.3594, 20.3069

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.



142.0940, 4.3907, 38.5056



131.1550, -15.3594, -20.3069



138.5080, 26.3716, -11.8465

Square

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



131.1550, -15.3594, -20.3069



117.7140, 30.2140, -77.8022



142.1760, 16.6752, 18.2626



138.9870, -20.2066, 41.2304

Rectangle

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



131.1550, -15.3594, -20.3069



120.3830, 12.1362, -66.1109



142.1760, 16.6752, 18.2626



141.4340, -4.6510, 45.2234

Sweetspot

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



131.1550, -15.3594, -20.3069



186.9360, -6.3774, -7.8369



138.7180, -19.0880, 9.0173



92.6420, -3.7675, -4.9480



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



131.1550, -15.3594, -20.3069



166.4990, -23.9100, -31.1326



130.5870, -7.1914, -26.8248



71.4080, -2.1731, -2.9888



87.5840, -43.1789, -57.5172



6.4680, -3.1887, -3.9184

Inverse Universe

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



117.8450, 15.3594, 20.3069



145.5010, 23.9100, 31.1326



118.4130, 7.1914, 26.8248



69.5920, 2.1731, 2.9888



50.1170, 43.3263, 56.9024



3.8310, 3.0413, 4.5332

Previews

White Background



This preview shows how the YUV color 131.1550, -15.3594, -20.3069 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1550, -15.3594, -20.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

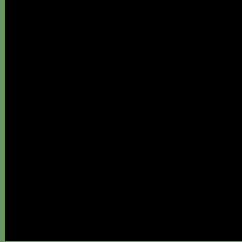
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1550, -15.3594, -20.3069 Background



This preview shows how black text looks on a background with the YUV color 131.1550, -15.3594, -20.3069.



This preview shows how white text looks on a background with the YUV color 131.1550, -15.3594, -20.3069.

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

131.1550, -15.3594, -20.3069

Protanopia

136.3870, -20.4038, 11.0616

Deuteranopia

138.0770, -16.8000, 21.8575



Tritanopia

135.8930, 8.9268, -16.5692

Trichromacy



Original Color

131.1550, -15.3594, -20.3069

Protanomaly

134.4780, -18.4767, -0.4192

Deuteranomaly

135.5050, -16.0250, 6.5731

Tritanomaly

134.4770, -0.2352, -17.9583

Monochromacy



Original Color

131.1550, -15.3594, -20.3069

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4630, -5.6513, -7.4221

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1550, -15.3594, -20.3069 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(108, 149, 100)` looks like.

```
.text, #text, p{  
    color:rgb(108, 149, 100)  
}
```

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(108, 149, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 149, 100) }
```

Border

The CSS property to change the border of an element to YUV 131.1550, -15.3594, -20.3069 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(108, 149, 100) }
```


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

```
.border{ border-color:rgb(108, 149, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 149, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 149, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 149, 100);  
box-shadow:4px 4px 4px 4px rgb(108, 149,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 131.1550, -15.3594, -20.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 149, 100) }
```

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

```
.background{ background-color: rgb(108,  
149, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor