

Converting Colors

YUV(159.5020, -31.7995,
-20.6113)

Have a look what the booklet for
YUV(159.5020, -31.7995, -20.6113)
contains.

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Color

**YUV(159.5020, -31.7995,
-20.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	88B85F
RGB	136, 184, 95
RGB Percent	53%, 72%, 37%
CMY	0.4667, 0.2784, 0.6275
CMYK	0.26, 0.00, 0.48, 0.28
HSL	92°, 39%, 55%
HSV	92°, 48%, 72%
XYZ	29.3594, 40.3414, 17.0657
YIQ	159.5020, -0.0390, -37.8550

Conversions

Conversions Part 2

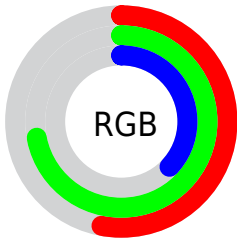
Format	Color
R_{YB}	95, 184, 143
Decimal	8960095
CIE _{Lab}	69.71, -31.46, 39.95
CIE _{LCh}	70, 50.845, 128.219
Yxy	40.3414, 0.3384, 0.4649
Android (android.graphics.Color)	4287150175 (0xFF88B85F)
YUV	159.5020, -31.7995, -20.6113
Hunter-Lab	63.5149, -28.6405, 28.5299

Details

The YUV color **159.5020, -31.7995, -20.6113** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **119.4980, 31.7995, 20.6113**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7470, -33.3993, -20.8261**, and **106.8440, -30.4891, -20.9112** is the 20% darker color. If you saturate the color by 10%, you get **154.4600, -38.1878, -24.9594**, and if you desaturate by 10%, it is **164.5440, -25.4112, -16.2631**.

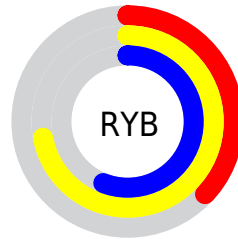
Distribution



Red (53%)

Green (72%)

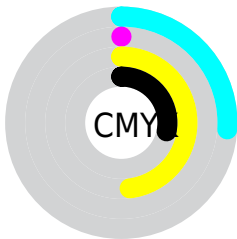
Blue (37%)



Red (37%)

Yellow (72%)

Blue (56%)

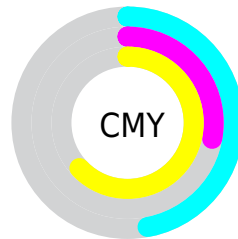


Cyan (26%)

Magenta (0%)

Yellow (48%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5020, -31.7995, -20.6113 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 159.5020, -31.7995, -20.6113 by changing the saturation by 10% instead.

■ 159.5020,
-31.7995, -20.6113

■ 159.5020,
-31.7995, -20.6113

■ 255.0000, 0.0000,
0.0000

■ 132.7300,
-30.9259, -20.8112

■ 214.7470,
-33.3993, -20.8261

■ 106.8440,
-30.4891, -20.9112

■ 235.3010,
-30.2214, -13.4190

■ 81.1430, -30.6365,
-20.2964

■ 247.1640,
-22.2659, 1.6102

■ 56.8160, -28.0103,
-22.6406

■ 252.2640,
-10.4832, 2.3995

■ 33.7580, -16.6427,
-28.7288

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 159.5020,
-31.7995, -20.6113

■ 159.5020,
-31.7995, -20.6113

■ 154.4600,
-38.1878, -24.9594

■ 164.5440,
-25.4112, -16.2631

■ 149.3040,
-45.0129, -29.2076

■ 169.7000,
-18.5861, -12.0149

■ 144.2620,
-51.4012, -33.5558

■ 174.7420,
-12.1978, -7.6667

■ 139.1060,
-58.2263, -37.8040

■ 179.8980, -5.3727,
-3.4185

■ 134.0640,
-64.6146, -42.1521

■ 184.9400, 1.0156,
0.9296

■ 133.4230,
-65.7775, -42.4670

■ 189.9820, 7.4039,
5.2778

■ 194.8390, 14.3764,
8.9112

■ 199.8810, 20.7647,
13.2594

■ 204.3530, 24.9690,
18.1074

Harmonies

Analogous

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



164.8290, -44.2857, 17.6900



159.5020, -31.7995, -20.6113



148.0240, -6.9138, -69.3040

Triad

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



159.5020, -31.7995, -20.6113



137.0780, 58.1355, -120.2174



171.2680, -6.0481, 73.4330

Complementary

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



159.5020, -31.7995, -20.6113



119.4980, 31.7995, 20.6113

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.



174.7660, 15.3984, 54.5792



159.5020, -31.7995, -20.6113



163.5330, 45.0932, -43.4404

Square

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



159.5020, -31.7995, -20.6113



138.4680, 43.1533, -121.4364



174.6220, 33.7104, 14.3635



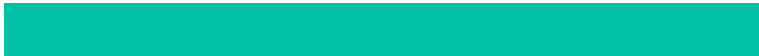
169.8660, -26.5559, 71.1545

Rectangle

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



159.5020, -31.7995, -20.6113



132.2150, 16.6560, -115.9526



174.6220, 33.7104, 14.3635



172.4940, 1.2355, 70.6038

Sweetspot

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



159.5020, -31.7995, -20.6113



229.9160, -12.7766, -8.6963



149.2000, -26.7206, 30.5196



113.9040, -7.8407, -5.1778



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



159.5020, -31.7995, -20.6113



201.7290, -49.6594, -32.2113



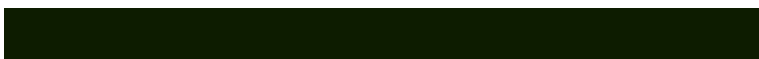
147.5850, -24.4454, -46.1170



89.4790, -3.1941, -2.1741



113.1000, -55.7583, -36.0447



20.3230, -10.0192, -6.4223

Inverse Universe

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



119.4980, 31.7995, 20.6113



139.2710, 49.6594, 32.2113



131.4150, 24.4454, 46.1170



85.5210, 3.1941, 2.1741



42.9000, 55.7583, 36.0447



7.6770, 10.0192, 6.4223

Previews

White Background



This preview shows how the YUV color 159.5020, -31.7995, -20.6113 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 159.5020, -31.7995, -20.6113 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 159.5020, -31.7995, -20.6113 Background



This preview shows how black text looks on a background with the YUV color 159.5020, -31.7995, -20.6113.



This preview shows how white text looks on a background with the YUV color 159.5020, -31.7995, -20.6113.

-20.6113.

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

159.5020, -31.7995, -20.6113

Protanopia

165.9630, -37.4498, 18.4494

Deuteranopia

168.0880, -33.5674, 33.2488



Tritanopia

168.4200, 9.6529, -16.1543

Trichromacy



Original Color

159.5020, -31.7995, -20.6113

Protanomaly

163.4450, -35.2224, 3.9947

Deuteranomaly

165.0810, -33.0709, 13.9610

Tritanomaly

165.3970, -5.6187, -17.8882

Monochromacy



Original Color

159.5020, -31.7995, -20.6113

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8560, -11.7610, -7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5020, -31.7995, -20.6113 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(136, 184, 95)` looks like.

```
.text, #text, p{  
    color:rgb(136, 184, 95)  
}
```

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(136, 184, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 184, 95) }
```

Border

The CSS property to change the border of an element to YUV 159.5020, -31.7995, -20.6113 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(136, 184, 95) }
```


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

```
.border{ border-color:rgb(136, 184, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 184, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 184, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 184, 95);  
box-shadow:4px 4px 4px 4px rgb(136, 184,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 159.5020, -31.7995, -20.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 184, 95) }
```

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

```
.background{ background-color: rgb(136,  
184, 95) }
```

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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