

Converting Colors

YUV(131.7470, -33.3993,
-20.8261)

Have a look what the booklet for
YUV(131.7470, -33.3993, -20.8261)
contains.

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Color

**YUV(131.7470, -33.3993,
-20.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9D40
RGB	108, 157, 64
RGB Percent	42%, 62%, 25%
CMY	0.5765, 0.3843, 0.7490
CMYK	0.31, 0.00, 0.59, 0.38
HSL	92°, 42%, 43%
HSV	92°, 59%, 62%
XYZ	19.1667, 27.6723, 9.1816
YIQ	131.7470, 0.6490, -39.3110

Conversions

Conversions Part 2

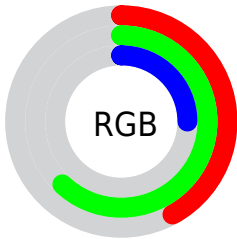
Format	Color
RYB	64, 157, 113
Decimal	7118144
CIELab	59.59, -32.62, 42.63
CIELCh	60, 53.675, 127.424
Yxy	27.6723, 0.3421, 0.4940
Android (android.graphics.Color)	4285308224 (0xFF6C9D40)
YUV	131.7470, -33.3993, -20.8261
Hunter-Lab	52.6044, -27.0202, 26.4746

Details

The YUV color **131.7470, -33.3993, -20.8261** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **89.2530, 33.3993, 20.8261**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9920, -34.9991, -21.0410**, and **79.5190, -34.2729, -20.6262** is the 20% darker color. If you saturate the color by 10%, you get **127.5310, -39.2088, -24.1447**, and if you desaturate by 10%, it is **135.9630, -27.5898, -17.5076**.

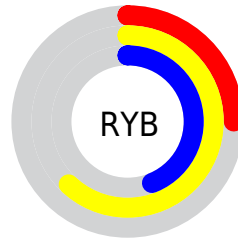
Distribution



Red (42%)

Green (62%)

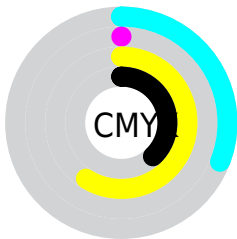
Blue (25%)



Red (25%)

Yellow (62%)

Blue (44%)

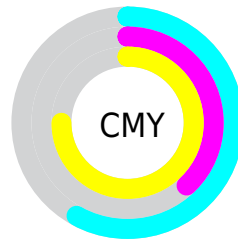


Cyan (31%)

Magenta (0%)

Yellow (59%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7470, -33.3993, -20.8261 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 131.7470, -33.3993, -20.8261 by changing the saturation by 10% instead.

■ 131.7470,
-33.3993, -20.8261

■ 131.7470,
-33.3993, -20.8261

255.0000, 0.0000,
0.0000

■ 105.8610,
-32.9625, -20.9261

■ 185.9920,
-34.9991, -21.0410

■ 79.5190, -34.2729,
-20.6262

■ 213.7640,
-35.8727, -20.8410

■ 56.2180, -27.7155,
-23.8702

■ 234.3180,
-32.6948, -13.4339

■ 33.4590, -16.4953,
-29.3435

■ 246.1810,
-24.7392, 1.5953

■ 21.7190, -10.7075,
-19.0476

■ 251.5800,
-13.1039, 2.9993

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 131.7470,
-33.3993, -20.8261

■ 131.7470,
-33.3993, -20.8261

■ 127.5310,
-39.2088, -24.1447

■ 135.9630,
-27.5898, -17.5076

■ 123.1300,
-44.4341, -28.1780

■ 140.3640,
-22.3645, -13.4742

■ 118.9140,
-50.2436, -31.4966

■ 144.5800,
-16.5549, -10.1557

■ 114.6980,
-56.0531, -34.8151

■ 148.7960,
-10.7454, -6.8371

■ 114.2850,
-56.3425, -35.3299

■ 153.0120, -4.9359,
-3.5185

■ 157.4130, 0.2894,
0.5148

■ 161.6290, 6.0989,
3.8334

■ 165.8450, 11.9084,
7.1519

■ 169.9470, 17.2811,
10.5705

Harmonies

Analogous

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



137.1450, -46.9065, 18.2898



131.7470, -33.3993, -20.8261



112.4240, -3.6600, -86.3178

Triad

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



131.7470, -33.3993, -20.8261



118.9660, 54.7398, -104.3332



142.7460, -4.3118, 76.5218

Complementary

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



131.7470, -33.3993, -20.8261



89.2530, 33.3993, 20.8261

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.



146.8200, 16.8507, 55.4089



131.7470, -33.3993, -20.8261



133.3620, 51.0935, -54.6915

Square

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



131.7470, -33.3993, -20.8261



119.6550, 39.6101, -104.9374



147.0670, 35.4630, 12.2192



141.6920, -25.9772, 72.1841

Rectangle

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



131.7470, -33.3993, -20.8261



113.1740, 12.2392, -99.2536



147.0670, 35.4630, 12.2192



143.9610, 2.9772, 71.9482

Sweetspot

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



131.7470, -33.3993, -20.8261



194.1010, -13.3608, -7.9816



119.9830, -27.5996, 32.4639



95.9040, -7.8407, -5.1778



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



131.7470, -33.3993, -20.8261



164.7460, -52.1328, -32.2262



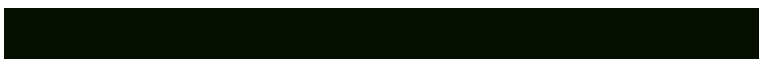
118.8190, -26.0398, -48.0763



76.8920, -2.9048, -1.6593



104.2730, -51.4066, -31.8114



10.8980, -5.3727, -3.4185

Inverse Universe

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



89.2530, 33.3993, 20.8261



98.2540, 52.1328, 32.2262



102.1810, 26.0398, 48.0763



73.1080, 2.9048, 1.6593



38.7270, 51.4066, 31.8114



4.1020, 5.3727, 3.4185

Previews

White Background



This preview shows how the YUV color 131.7470, -33.3993, -20.8261 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 131.7470, -33.3993, -20.8261 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 131.7470, -33.3993, -20.8261 Background



This preview shows how black text looks on a background with the YUV color 131.7470, -33.3993, -20.8261.



This preview shows how white text looks on a background with the YUV color 131.7470, -33.3993, -20.8261.

-20.8261.

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

131.7470, -33.3993, -20.8261

Protanopia

138.3220, -38.6127, 18.1346

Deuteranopia

140.4360, -34.7249, 31.1896



Tritanopia

140.8930, 8.9268, -16.5692

Trichromacy



Original Color

131.7470, -33.3993, -20.8261

Protanomaly

135.6900, -36.8222, 3.7799

Deuteranomaly

137.4290, -34.2285, 11.9018

Tritanomaly

137.7560, -6.7817, -18.2030

Monochromacy



Original Color

131.7470, -33.3993, -20.8261

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7420, -12.1978, -7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7470, -33.3993, -20.8261 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, 157, 64)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 64)  
}
```

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, 157, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 64) }
```

Border

The CSS property to change the border of an element to YUV 131.7470, -33.3993, -20.8261 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, 157, 64) }
```


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

```
.border{ border-color:rgb(108, 157, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 157, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 64);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 131.7470, -33.3993, -20.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 64) }
```

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

```
.background{ background-color: rgb(108,  
157, 64) }
```

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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