

Converting Colors

YUV(151.6990, -20.5576,
-33.0620)

Have a look what the booklet for
YUV(151.6990, -20.5576, -33.0620)
contains.

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Color

**YUV(151.6990, -20.5576,
-33.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	72B36E
RGB	114, 179, 110
RGB Percent	45%, 70%, 43%
CMY	0.5529, 0.2980, 0.5686
CMYK	0.36, 0.00, 0.39, 0.30
HSL	117°, 31%, 57%
HSV	117°, 39%, 70%
XYZ	25.8740, 36.9434, 20.5189
YIQ	151.6990, -16.5910, -35.2390

Conversions

Conversions Part 2

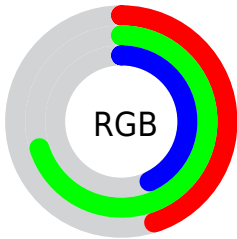
Format	Color
RYB	110, 179, 175
Decimal	7517038
CIELab	67.23, -34.72, 28.84
CIElCh	67, 45.138, 140.282
Yxy	36.9434, 0.3105, 0.4433
Android (android.graphics.Color)	4285707118 (0xFF72B36E)
YUV	151.6990, -20.5576, -33.0620
Hunter-Lab	60.7811, -30.3809, 22.5312

Details

The YUV color **151.6990, -20.5576, -33.0620** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137.3010, 20.5576, 33.0620**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6450, -22.0100, -33.8917**, and **99.4540, -18.9578, -32.8472** is the 20% darker color. If you saturate the color by 10%, you get **144.5640, -25.9141, -41.7136**, and if you desaturate by 10%, it is **158.8340, -15.2012, -24.4104**.

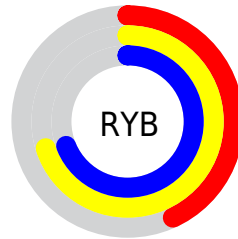
Distribution



Red (45%)

Green (70%)

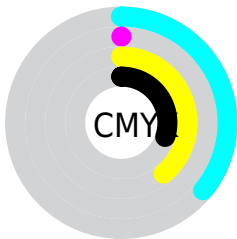
Blue (43%)



Red (43%)

Yellow (70%)

Blue (69%)

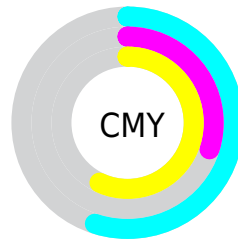


Cyan (36%)

Magenta (0%)

Yellow (39%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6990, -20.5576, -33.0620 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 151.6990, -20.5576, -33.0620 by changing the saturation by 10% instead.

■ 151.6990,
-20.5576, -33.0620

■ 151.6990,
-20.5576, -33.0620

■ 255.0000, 0.0000,
0.0000

■ 125.2260,
-19.8314, -32.6472

■ 206.6450,
-22.0100, -33.8917

■ 99.4540, -18.9578,
-32.8472

■ 229.9490,
-19.6949, -29.7733

■ 73.4970, -17.5000,
-33.7619

■ 241.8120,
-11.7393, -14.7441

■ 46.3220, -15.4417,
-40.6244

■ 253.6750, -3.7838,
0.2850

■ 30.5240, -15.0483,
-26.7695

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 151.6990,
-20.5576, -33.0620

■ 151.6990,
-20.5576, -33.0620

■ 144.5640,
-25.9141, -41.7136

■ 158.8340,
-15.2012, -24.4104

■ 137.4290,
-31.2705, -50.3652

■ 165.9690, -9.8447,
-15.7588

■ 130.2940,
-36.6269, -59.0168

■ 173.1040, -4.4883,
-7.1072

■ 123.4580,
-42.1308, -67.0537

■ 179.9400, 1.0156,
0.9296

■ 116.4370,
-47.0504, -75.8052

■ 187.0750, 6.3720,
9.5812

■ 109.3020,
-52.4069, -84.4569

■ 194.0960, 11.2917,
18.3328

■ 108.0630,
-53.2751, -86.0013

■ 201.2310, 16.6481,
26.9844

■ 208.3660, 22.0046,
35.6360

■ 210.3880, 21.9937,
39.1247

Harmonies

Analogous

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



157.6190, -35.8012, 2.9651



151.6990, -20.5576, -33.0620



138.4490, 5.2016, -81.9548

Triad

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



151.6990, -20.5576, -33.0620



147.2040, 47.2274, -74.7239



165.2750, -13.4466, 66.4108

Complementary

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



151.6990, -20.5576, -33.0620



137.3010, 20.5576, 33.0620

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.



167.5570, 5.6414, 57.3935



151.6990, -20.5576, -33.0620



164.0590, 37.4389, -14.9607

Square

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



151.6990, -20.5576, -33.0620



131.8970, 45.8998, -115.6737



168.6640, 23.3366, 28.3587



163.5670, -29.8595, 57.3847

Rectangle

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



151.6990, -20.5576, -33.0620



128.7730, 23.7759, -112.9339



168.6640, 23.3366, 28.3587



165.5830, -7.1894, 66.1407

Sweetspot

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



151.6990, -20.5576, -33.0620



221.0340, -8.3978, -13.1848



168.1990, -28.6921, 9.4725



110.6910, -4.7777, -7.6220



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



151.6990, -20.5576, -33.0620



189.6030, -31.8493, -51.3948



153.9230, -6.8640, -38.5205



85.5820, -2.7519, -4.0184



92.5020, -45.6035, -73.2313



15.5610, -7.6716, -12.7700

Inverse Universe

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



137.3010, 20.5576, 33.0620



167.3970, 31.8493, 51.3948



135.0770, 6.8640, 38.5205



83.7170, 2.6045, 4.6332



60.4980, 45.6035, 73.2313



10.1400, 7.8190, 12.1552

Previews

White Background



This preview shows how the YUV color 151.6990, -20.5576, -33.0620 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 151.6990, -20.5576, -33.0620 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 151.6990, -20.5576, -33.0620 Background



This preview shows how black text looks on a background with the YUV color 151.6990, -20.5576, -33.0620.



This preview shows how white text looks on a background with the YUV color 151.6990, -20.5576, -33.0620.

-33.0620.

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

151.6990, -20.5576, -33.0620

Protanopia

160.4600, -27.8348, 14.5056

Deuteranopia

162.6880, -23.5102, 27.4606



Tritanopia

159.0380, 12.3063, -27.2203

Trichromacy



Original Color

151.6990, -20.5576, -33.0620

Protanomaly

157.3330, -25.3072, -2.9230

Deuteranomaly

158.4850, -22.4241, 5.7137

Tritanomaly

156.2260, 0.3816, -29.1392

Monochromacy



Original Color

151.6990, -20.5576, -33.0620

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9740, -7.3822, -12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6990, -20.5576, -33.0620 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(114, 179, 110)` looks like.

```
.text, #text, p{  
    color:rgb(114, 179, 110)  
}
```

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(114, 179, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 179, 110) }
```

Border

The CSS property to change the border of an element to YUV 151.6990, -20.5576, -33.0620 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(114, 179, 110) }
```


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

```
.border{ border-color:rgb(114, 179, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 179, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 179, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 179, 110);  
box-shadow:4px 4px 4px 4px rgb(114, 179,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 151.6990, -20.5576, -33.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 179, 110) }
```

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

```
.background{ background-color: rgb(114,  
179, 110) }
```

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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