

Converting Colors

YUV(151.3630, -67.7200,
20.7296)

Have a look what the booklet for
YUV(151.3630, -67.7200, 20.7296)
contains.

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Color

**YUV(151.3630, -67.7200,
20.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA60E
RGB	175, 166, 14
RGB Percent	69%, 65%, 5%
CMY	0.3137, 0.3490, 0.9451
CMYK	0.00, 0.05, 0.92, 0.31
HSL	57°, 85%, 37%
HSV	57°, 92%, 69%
XYZ	31.3947, 36.4181, 5.7902
YIQ	151.3630, 54.1560, -45.3640

Conversions

Conversions Part 2

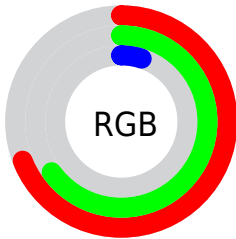
Format	Color
R_{YB}	24, 175, 14
Decimal	11511310
CIE _{Lab}	66.84, -11.43, 67.61
CIE _{LCh}	67, 68.574, 99.597
Yxy	36.4181, 0.4265, 0.4948
Android (android.graphics.Color)	4289701390 (0xFFAFA60E)
YUV	151.3630, -67.7200, 20.7296
Hunter-Lab	60.3474, -12.7465, 36.5545

Details

The YUV color **151.3630, -67.7200, 20.7296** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **37.6370, 67.7200, -20.7296**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9270, -63.0680, 21.9890**, and **102.7870, -50.6740, 13.3418** is the 20% darker color. If you saturate the color by 10%, you get **149.1800, -73.5457, 22.6441**, and if you desaturate by 10%, it is **154.0020, -60.1470, 18.4152**.

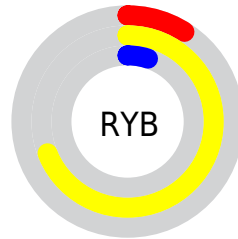
Distribution



Red (69%)

Green (65%)

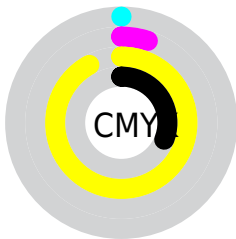
Blue (5%)



Red (9%)

Yellow (69%)

Blue (5%)

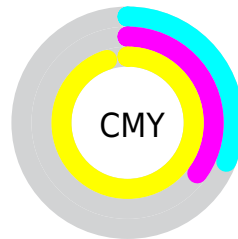


Cyan (0%)

Magenta (5%)

Yellow (92%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3630, -67.7200, 20.7296 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 151.3630, -67.7200, 20.7296 by changing the saturation by 10% instead.

■ 151.3630,
-67.7200, 20.7296

■ 151.3630,
-67.7200, 20.7296

■ 255.0000, 0.0000,
0.0000

■ 125.8340,
-62.0362, 17.6856

■ 208.9270,
-63.0680, 21.9890

■ 102.7870,
-50.6740, 13.3418

■ 234.8340,
-62.0362, 17.6856

■ 80.0390, -39.4592,
9.6128

■ 241.4340,
-51.9790, 11.8974

■ 58.4650, -28.8232,
4.8542

■ 244.6260,
-39.7486, 9.0980

■ 37.7770, -18.6241,
0.1956

■ 247.9320,
-27.0815, 6.1986

■ 17.3660, -8.5614,
-7.3370

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 151.3630,
-67.7200, 20.7296

■ 151.3630,
-67.7200, 20.7296

■ 149.1800,
-73.5457, 22.6441

■ 154.0020,
-60.1470, 18.4152

■ 156.5270,
-53.0108, 16.2008

■ 159.1660,
-45.4378, 13.8864

■ 161.6910,
-38.3017, 11.6720

■ 164.3300,
-30.7287, 9.3576

■ 166.8550,
-23.5925, 7.1432

■ 169.4940,
-16.0195, 4.8288

■ 172.0190, -8.8834,
2.6143

■ 174.5440, -1.7472,
0.3999

Harmonies

Analogous

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



156.6190, -58.9722, 61.7241



151.3630, -67.7200, 20.7296



145.2650, -42.5286, -32.6814

Triad

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



151.3630, -67.7200, 20.7296



138.8900, 49.8472, -121.8065



163.8040, 21.2956, 76.4709

Complementary

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



151.3630, -67.7200, 20.7296



37.6370, 67.7200, -20.7296

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.



166.5980, 43.5822, 21.4006



151.3630, -67.7200, 20.7296



135.3170, 59.0037, -118.6730

Square

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



151.3630, -67.7200, 20.7296



133.3380, 23.4974, -116.9374



141.7940, 55.8106, -74.3643



152.6490, -3.7710, 89.7618

Rectangle

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



151.3630, -67.7200, 20.7296



126.2090, -14.4000, -94.8993



141.7940, 55.8106, -74.3643



166.1810, 29.4908, 61.2313

Sweetspot

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



151.3630, -67.7200, 20.7296



217.3560, -26.7975, 8.4578



63.3930, -18.9277, 97.8793



109.3800, -16.4563, 4.9287



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



151.3630, -67.7200, 20.7296



193.4910, -95.3911, 29.3874



135.7160, -60.0060, -26.9379



85.3870, -3.6418, 1.4146



128.2040, -63.2046, 19.1151



19.7910, -9.7570, 2.8143

Inverse Universe

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



37.6370, 67.7200, -20.7296



33.5090, 95.3911, -29.3874



53.2840, 60.0060, 26.9379



79.6130, 3.6418, -1.4146



21.7960, 63.2046, -19.1151



3.2090, 9.7570, -2.8143

Previews

White Background



This preview shows how the YUV color 151.3630, -67.7200, 20.7296 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 151.3630, -67.7200, 20.7296 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 151.3630, -67.7200, 20.7296

Background



This preview shows how black text looks on a background with the YUV color 151.3630, -67.7200, 20.7296.



This preview shows how white text looks on a background with the YUV color 151.3630, -67.7200,

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

151.3630, -67.7200, 20.7296

Protanopia

151.8800, -68.4678, 27.2922

Deuteranopia

154.7710, -62.9911, 44.0508



Tritanopia

164.6370, 0.6720, 17.8584

Trichromacy



Original Color

151.3630, -67.7200, 20.7296

Protanomaly

151.5700, -68.3150, 24.9331

Deuteranomaly

153.2600, -64.7112, 35.7290

Tritanomaly

159.5190, -23.9199, 18.8388

Monochromacy



Original Color

151.3630, -67.7200, 20.7296

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9260, -24.6135, 7.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3630, -67.7200, 20.7296 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(175, 166, 14)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 14)  
}
```

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(175, 166, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 14) }
```

Border

The CSS property to change the border of an element to YUV 151.3630, -67.7200, 20.7296 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(175, 166, 14) }
```


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

```
.border{ border-color:rgb(175, 166, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 14);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 151.3630, -67.7200, 20.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 14) }
```

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

```
.background{ background-color: rgb(175,  
166, 14) }
```

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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