

Converting Colors

YUV(134.7400, -66.4268,
-20.8200)

Have a look what the booklet for
YUV(134.7400, -66.4268, -20.8200)
contains.

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Color

**YUV(134.7400, -66.4268,
-20.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	6FAD00
RGB	111, 173, 0
RGB Percent	44%, 68%, 0%
CMY	0.5647, 0.3216, 1.0000
CMYK	0.36, 0.00, 1.00, 0.32
HSL	82°, 100%, 34%
HSV	82°, 100%, 68%
XYZ	21.4991, 33.2666, 5.2880
YIQ	134.7400, 18.5810, -66.9470

Conversions

Conversions Part 2

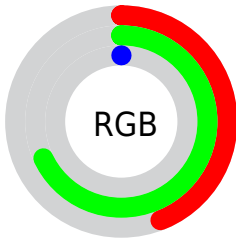
Format	Color
RYB	0, 173, 62
Decimal	7318784
CIELab	64.38, -41.80, 65.61
CIELCh	64, 77.795, 122.502
Yxy	33.2666, 0.3580, 0.5539
Android (android.graphics.Color)	4285508864 (0xFF6FAD00)
YUV	134.7400, -66.4268, -20.8200
Hunter-Lab	57.6772, -34.3995, 34.9382

Details

The YUV color **134.7400, -66.4268, -20.8200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **38.2600, 66.4268, 20.8200**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3190, -57.8383, -22.2048**, and **86.5860, -42.6869, -28.5779** is the 20% darker color. If you saturate the color by 10%, you get **134.7400, -66.4268, -20.8200**, and if you desaturate by 10%, it is **138.4720, -59.8857, -18.8309**.

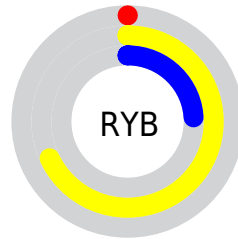
Distribution



Red (44%)

Green (68%)

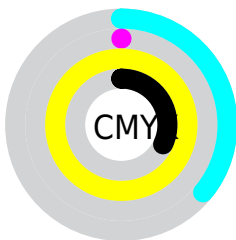
Blue (0%)



Red (0%)

Yellow (68%)

Blue (24%)

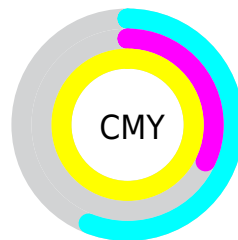


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7400, -66.4268, -20.8200 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 134.7400, -66.4268, -20.8200 by changing the saturation by 10% instead.

■ 134.7400,
-66.4268, -20.8200

■ 134.7400,
-66.4268, -20.8200

■ 255.0000, 0.0000,
0.0000

■ 110.5190,
-54.4859, -24.1342

■ 193.3190,
-57.8383, -22.2048

■ 86.5860, -42.6869,
-28.5779

■ 220.4440,
-57.4069, -20.5604

■ 61.7450, -30.4403,
-36.6104

■ 232.3070,
-49.4514, -5.5312

■ 41.0900, -20.2574,
-36.0359

■ 244.1700,
-41.4958, 9.4979

■ 27.5890, -13.6014,
-24.1956

■ 247.3620,
-29.2655, 6.6985

■ 14.0880, -6.9454,
-12.3552

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 254.0880, -3.4944,
0.7998

■ 134.7400,
-66.4268, -20.8200

■ 138.4720,
-59.8857, -18.8309

■ 142.3180,
-52.9078, -16.9419

■ 146.3490,
-46.5141, -14.3381

■ 150.0810,
-39.9729, -12.3490

■ 153.9270,
-32.9950, -10.4600

■ 157.6590,
-26.4539, -8.4709

■ 161.3910,
-19.9128, -6.4819

■ 165.4220,
-13.5190, -3.8781

■ 169.2680, -6.5411,
-1.9890

Harmonies

Analogous

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



145.4030, -71.6837, 32.0956



134.7400, -66.4268, -20.8200



117.4530, -14.5203, -103.0063

Triad

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



134.7400, -66.4268, -20.8200



134.7300, 59.2931, -118.1582



139.4730, 6.6688, 101.3172

Complementary

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



134.7400, -66.4268, -20.8200



38.2600, 66.4268, 20.8200

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.



156.0780, 32.4995, 76.2306



134.7400, -66.4268, -20.8200



124.7510, 64.2128, -109.4066

Square

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



134.7400, -66.4268, -20.8200



135.8750, 45.9106, -119.1624



156.1550, 48.7306, 3.3721



141.8140, -27.5163, 99.2641

Rectangle

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



134.7400, -66.4268, -20.8200



124.6860, 5.5778, -109.3496



156.1550, 48.7306, 3.3721



143.9700, 16.2838, 97.3733

Sweetspot

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



134.7400, -66.4268, -20.8200



209.1860, -25.7277, -8.0561



87.5340, -43.1543, 74.9537



103.2540, -15.4082, -4.6078



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



134.7400, -66.4268, -20.8200



174.5440, -86.0502, -26.7871



109.3250, -53.8972, -73.0760



85.0770, -3.4890, -0.9445



117.0530, -57.7071, -17.5865



17.9860, -8.8671, -2.6187

Inverse Universe

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



38.2600, 66.4268, 20.8200



49.4560, 86.0502, 26.7871



63.6750, 53.8972, 73.0760



79.9230, 3.4890, 0.9445



33.2460, 57.5597, 18.2013



5.0140, 8.8671, 2.6187

Previews

White Background



This preview shows how the YUV color 134.7400, -66.4268, -20.8200 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 134.7400, -66.4268, -20.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

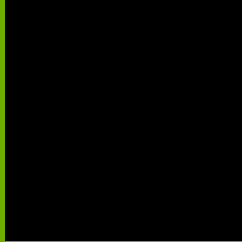
Any Text WCAG AA ✓ Pass

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 134.7400, -66.4268, -20.8200 Background



This preview shows how black text looks on a background with the YUV color 134.7400, -66.4268, -20.8200.



This preview shows how white text looks on a background with the YUV color 134.7400, -66.4268, -20.8200.

-20.8200.

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

134.7400, -66.4268, -20.8200

Protanopia

143.8970, -70.9412, 27.2773

Deuteranopia

148.7690, -56.5811, 41.4216



Tritanopia

152.9140, 10.3954, -20.9726

Trichromacy



Original Color

134.7400, -66.4268, -20.8200

Protanomaly

140.5420, -69.2872, 10.0487

Deuteranomaly

143.4150, -59.8576, 18.9300

Tritanomaly

145.9870, -17.2486, -21.0366

Monochromacy



Original Color

134.7400, -66.4268, -20.8200

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9410, -24.1279, -7.8413

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7400, -66.4268, -20.8200 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(111, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 173, 0)  
}
```

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(111, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 173, 0) }
```

Border

The CSS property to change the border of an element to YUV 134.7400, -66.4268, -20.8200 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(111, 173, 0) }
```


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

```
.border{ border-color:rgb(111, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 173,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 134.7400, -66.4268, -20.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 173, 0) }
```

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

```
.background{ background-color: rgb(111,  
173, 0) }
```

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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