

Converting Colors

YUV(149.2960, -36.1349,
-30.0776)

Have a look what the booklet for
YUV(149.2960, -36.1349, -30.0776)
contains.

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Color

**YUV(149.2960, -36.1349,
-30.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	73B54C
RGB	115, 181, 76
RGB Percent	45%, 71%, 30%
CMY	0.5490, 0.2902, 0.7020
CMYK	0.36, 0.00, 0.58, 0.29
HSL	98°, 42%, 50%
HSV	98°, 58%, 71%
XYZ	24.8986, 37.2144, 12.7083
YIQ	149.2960, -5.6310, -46.6470

Conversions

Conversions Part 2

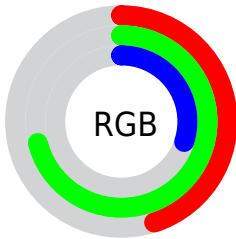
Format	Color
RYB	76, 181, 142
Decimal	7583052
CIELab	67.44, -39.72, 46.12
CIELCh	67, 60.864, 130.737
Yxy	37.2144, 0.3328, 0.4974
Android (android.graphics.Color)	4285773132 (0xFF73B54C)
YUV	149.2960, -36.1349, -30.0776
Hunter-Lab	61.0036, -33.9015, 30.3512

Details

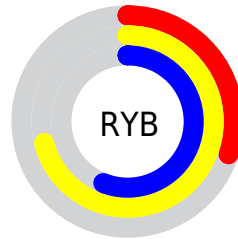
The YUV color **149.2960, -36.1349, -30.0776** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **107.7040, 36.1349, 30.0776**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5410, -37.7347, -30.2925**, and **95.9970, -35.9875, -30.6924** is the 20% darker color. If you saturate the color by 10%, you get **143.9550, -42.3758, -35.0405**, and if you desaturate by 10%, it is **154.6370, -29.8940, -25.1146**.

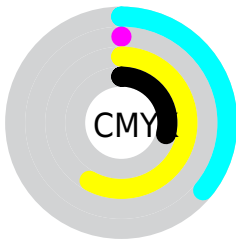
Distribution



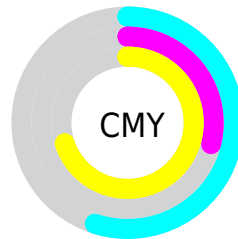
- Red (45%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2960, -36.1349, -30.0776 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 149.2960, -36.1349, -30.0776 by changing the saturation by 10% instead.

■ 149.2960,
-36.1349, -30.0776

■ 149.2960,
-36.1349, -30.0776

■ 255.0000, 0.0000,
0.0000

■ 122.4100,
-35.6981, -30.1776

■ 204.5410,
-37.7347, -30.2925

■ 95.9970, -35.9875,
-30.6924

■ 226.8560,
-35.4250, -24.4297

■ 69.1430, -34.0875,
-33.4514

■ 238.7190,
-27.4695, -9.4006

■ 45.1990, -22.2831,
-39.6395

■ 249.9840,
-19.2191, 4.3990

■ 31.6980, -15.6271,
-27.7991

■ 253.2900, -6.5520,
1.4997

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 149.2960,
-36.1349, -30.0776

■ 149.2960,
-36.1349, -30.0776

■ 143.9550,
-42.3758, -35.0405

■ 154.6370,
-29.8940, -25.1146

■ 138.3150,
-48.4693, -40.6183

■ 160.2770,
-23.8006, -19.5369

■ 132.9740,
-54.7102, -45.5812

■ 165.6180,
-17.5597, -14.5740

■ 127.3340,
-60.8037, -51.1589

■ 171.2580,
-11.4662, -8.9963

■ 126.2800,
-62.2560, -51.9886

■ 176.7130, -4.7885,
-4.1333

■ 182.0540, 1.4524,
0.8296

■ 187.6940, 7.5459,
6.4074

■ 193.0350, 13.7867,
11.3703

■ 198.3760, 20.0276,
16.3332

Harmonies

Analogous

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



156.1850, -54.3212, 16.5008



149.2960, -36.1349, -30.0776



124.7200, 0.6310, -109.3794

Triad

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



149.2960, -36.1349, -30.0776



134.7300, 59.2931, -118.1582



159.9210, -6.3701, 83.3843

Complementary

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



149.2960, -36.1349, -30.0776



107.7040, 36.1349, 30.0776

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.



166.7230, 17.3916, 68.6489



149.2960, -36.1349, -30.0776



153.4440, 50.0671, -52.1324

Square

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



149.2960, -36.1349, -30.0776



137.7330, 47.9526, -120.7918



168.7460, 39.0722, 21.2708



161.6240, -32.8456, 81.8908

Rectangle

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



149.2960, -36.1349, -30.0776



130.8130, 16.3612, -114.7230



168.7460, 39.0722, 21.2708



161.9730, 1.4923, 81.5847

Sweetspot

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



149.2960, -36.1349, -30.0776



222.9650, -13.7867, -11.3703



145.5500, -34.2881, 31.0897



110.1920, -7.9827, -6.3074



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.



149.2960, -36.1349, -30.0776



185.0940, -56.7413, -47.4404



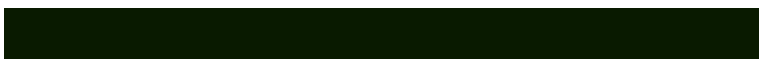
139.0030, -25.1445, -55.2536



86.4790, -3.1941, -2.1741



106.8540, -52.6790, -43.7220



17.9530, -8.8508, -7.8518

Inverse Universe

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



107.7040, 36.1349, 30.0776



119.9060, 56.7413, 47.4404



117.9970, 25.1445, 55.2536



82.8200, 3.0467, 2.7889



46.1460, 52.6790, 43.7220



7.7480, 8.9982, 7.2370

Previews

White Background



This preview shows how the YUV color 149.2960, -36.1349, -30.0776 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 149.2960, -36.1349, -30.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

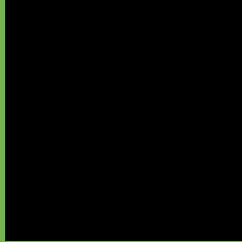
Any Text WCAG AA ✓ Pass

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 149.2960, -36.1349, -30.0776 Background



This preview shows how black text looks on a background with the YUV color 149.2960, -36.1349, -30.0776.



This preview shows how white text looks on a background with the YUV color 149.2960, -36.1349, -30.0776.

-30.0776.

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

149.2960, -36.1349, -30.0776

Protanopia

158.7800, -43.2755, 20.3639

Deuteranopia

161.1330, -38.5196, 34.9634



Tritanopia

160.1200, 11.2798, -24.6612

Trichromacy



Original Color

149.2960, -36.1349, -30.0776

Protanomaly

155.3540, -40.6005, 2.3205

Deuteranomaly

156.8050, -37.8649, 11.5720

Tritanomaly

156.2280, -6.0284, -26.5100

Monochromacy



Original Color

149.2960, -36.1349, -30.0776

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3780, -13.4974, -10.8555

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2960, -36.1349, -30.0776 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(115, 181, 76)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 76)  
}
```

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(115, 181, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 76) }
```

Border

The CSS property to change the border of an element to YUV 149.2960, -36.1349, -30.0776 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(115, 181, 76) }
```


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

```
.border{ border-color:rgb(115, 181, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 181, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 181, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 181, 76);  
box-shadow:4px 4px 4px 4px rgb(115, 181,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 149.2960, -36.1349, -30.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 76) }
```

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

```
.background{ background-color: rgb(115,  
181, 76) }
```

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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