

Converting Colors

YUV(148.6080, -73.2637,
-68.0622)

Have a look what the booklet for
YUV(148.6080, -73.2637, -68.0622)
contains.

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Color

**YUV(148.6080, -73.2637,
-68.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	47D900
RGB	71, 217, 0
RGB Percent	28%, 85%, 0%
CMY	0.7216, 0.1490, 1.0000
CMYK	0.67, 0.00, 1.00, 0.15
HSL	100°, 100%, 43%
HSV	100°, 100%, 85%
XYZ	27.4114, 50.9653, 8.3926
YIQ	148.6080, -17.3590, -98.4390

Conversions

Conversions Part 2

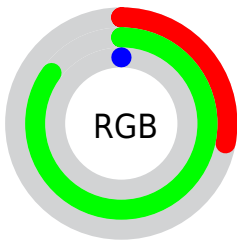
Format	Color
RYB	0, 217, 146
Decimal	4708608
CIELab	76.66, -69.04, 74.64
CIElCh	77, 101.676, 132.769
Yxy	50.9653, 0.3159, 0.5874
Android (android.graphics.Color)	4282898688 (0xFF47D900)
YUV	148.6080, -73.2637, -68.0622
Hunter-Lab	71.3900, -56.3944, 43.0029

Details

The YUV color **148.6080, -73.2637, -68.0622** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **68.3920, 73.2637, 68.0622**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9360, -57.1564, -54.3179**, and **94.5070, -46.5920, -82.8826** is the 20% darker color. If you saturate the color by 10%, you get **148.6080, -73.2637, -68.0622**, and if you desaturate by 10%, it is **155.6010, -65.8653, -61.0401**.

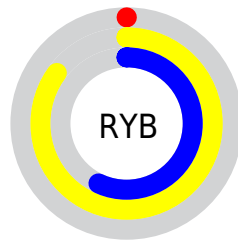
Distribution



Red (28%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (57%)

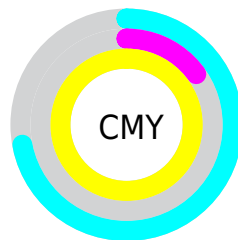


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (72%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6080, -73.2637, -68.0622 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 148.6080, -73.2637, -68.0622 by changing the saturation by 10% instead.

■ 148.6080,
-73.2637, -68.0622

■ 148.6080,
-73.2637, -68.0622

■ 255.0000, 0.0000,
0.0000

■ 116.0370,
-57.2062, -85.1014

■ 200.9360,
-57.1564, -54.3179

■ 94.5070, -46.5920,
-82.8826

■ 213.5110,
-49.0589, -38.1591

■ 78.0710, -38.4890,
-68.4683

■ 226.0860,
-40.9614, -22.0004

■ 62.8090, -30.9648,
-55.0835

■ 238.6610,
-32.8639, -5.8417

■ 47.5470, -23.4407,
-41.6987

■ 248.8440,
-23.5871, 5.3988

■ 33.4590, -16.4953,
-29.3435

■ 252.2640,

■ 18.1970, -8.9711,

-10.4832, 2.3995

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 148.6080,
-73.2637, -68.0622

■ 155.6010,
-65.8653, -61.0401

■ 162.1810,
-58.7562, -54.5327

■ 169.1740,
-51.3578, -47.5106

■ 175.8680,
-43.8119, -41.1032

■ 182.8610,
-36.4135, -34.0811

■ 189.7400,
-29.4518, -26.9590

■ 196.4340,
-21.9060, -20.5516

■ 203.4270,
-14.5075, -13.5295

■ 210.0070, -7.3985,
-7.0221

Harmonies

Analogous

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



173.3350, -85.4542, 15.4922



148.6080, -73.2637, -68.0622



147.9550, -9.3448, -129.7565

Triad

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



148.6080, -73.2637, -68.0622



155.2750, 49.1644, -136.1762



133.6030, 9.5627, 106.4652

Complementary

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



148.6080, -73.2637, -68.0622



68.3920, 73.2637, 68.0622

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.



154.8850, 45.4127, 87.8009



148.6080, -73.2637, -68.0622



139.4260, 56.9780, -122.2766

Square

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



148.6080, -73.2637, -68.0622



162.3190, 45.6917, -142.3538



184.1840, 34.9123, 48.9506



151.4050, -44.0767, 90.8528

Rectangle

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



148.6080, -73.2637, -68.0622



156.7670, 19.3419, -137.4847



184.1840, 34.9123, 48.9506



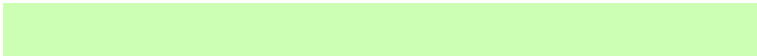
134.9030, 24.6978, 105.3251

Sweetspot

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



148.6080, -73.2637, -68.0622



231.0870, -25.6789, -23.7553



149.9980, -73.9490, 58.7608



113.4870, -15.5231, -14.4591



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



148.6080, -73.2637, -68.0622



174.5020, -86.0295, -80.2473



131.4830, -47.0731, -115.3106



106.3540, -3.6255, -3.8185



118.5940, -58.4668, -54.0179



31.4870, -15.5231, -14.4591

Inverse Universe

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



68.3920, 73.2637, 68.0622



80.4980, 86.0295, 80.2473



85.5170, 47.0731, 115.3106



102.3470, 3.7729, 3.2037



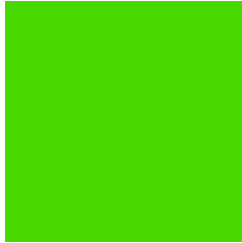
54.7050, 58.3194, 54.6327



14.5130, 15.5231, 14.4591

Previews

White Background



This preview shows how the YUV color 148.6080, -73.2637, -68.0622 looks on a white background.

Color Contrast Check

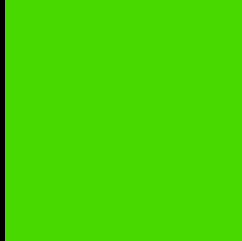
Large Text (above 18pt) WCAG AA × Fail

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 148.6080, -73.2637, -68.0622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

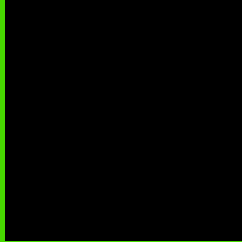
Any Text WCAG AA ✓ Pass

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 148.6080, -73.2637, -68.0622 Background



This preview shows how black text looks on a background with the YUV color 148.6080, -73.2637, -68.0622.



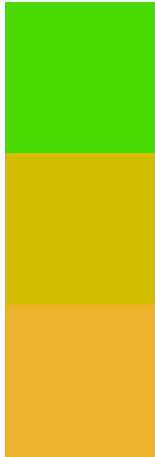
This preview shows how white text looks on a background with the YUV color 148.6080, -73.2637, -68.0622.

-68.0622.

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

148.6080, -73.2637, -68.0622

Protanopia

173.7440, -85.6558, 33.5505

Deuteranopia

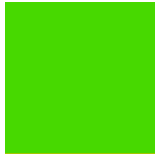
180.2940, -66.2069, 48.8542



Tritanopia

176.9140, 20.2554, -56.9296

Trichromacy



Original Color

148.6080, -73.2637, -68.0622



Protanomaly

164.9520, -81.3213, -3.4659



Deuteranomaly

168.6340, -68.8396, 6.4600



Tritanomaly

166.3580, -13.4875, -60.8270

Monochromacy



Original Color

148.6080, -73.2637, -68.0622



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1470, -26.6945, -24.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6080, -73.2637, -68.0622 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(71, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 217, 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(71, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 217, 0) }
```

Border

The CSS property to change the border of an element to YUV 148.6080, -73.2637, -68.0622 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(71, 217, 0) }
```


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

```
.border{ border-color:rgb(71, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(71, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 217, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 148.6080, -73.2637, -68.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 217, 0) }
```

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

```
.background{ background-color: rgb(71, 217,  
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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