

Converting Colors

YUV(152.4680, -20.4437,
-69.6934)

Have a look what the booklet for
YUV(152.4680, -20.4437, -69.6934)
contains.

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Color

**YUV(152.4680, -20.4437,
-69.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	49C96F
RGB	73, 201, 111
RGB Percent	29%, 79%, 44%
CMY	0.7137, 0.2118, 0.5647
CMYK	0.64, 0.00, 0.45, 0.21
HSL	138°, 54%, 54%
HSV	138°, 64%, 79%
XYZ	26.5035, 44.3375, 22.2000
YIQ	152.4680, -47.3980, -55.1260

Conversions

Conversions Part 2

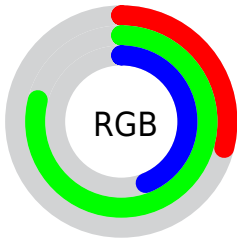
Format	Color
RYB	73, 172, 201
Decimal	4835695
CIELab	72.45, -54.61, 34.79
CIELCh	72, 64.750, 147.498
Yxy	44.3375, 0.2849, 0.4765
Android (android.graphics.Color)	4283025775 (0xFF49C96F)
YUV	152.4680, -20.4437, -69.6934
Hunter-Lab	66.5864, -45.4774, 26.8431

Details

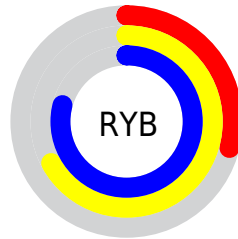
The YUV color **152.4680, -20.4437, -69.6934** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **121.5320, 20.4437, 69.6934**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4470, -21.9124, -65.2900**, and **92.6560, -15.6064, -81.2593** is the 20% darker color. If you saturate the color by 10%, you get **144.8920, -23.6108, -80.5893**, and if you desaturate by 10%, it is **160.0440, -17.2767, -58.7976**.

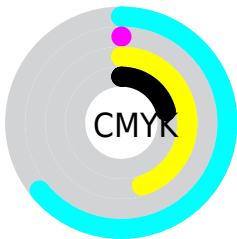
Distribution



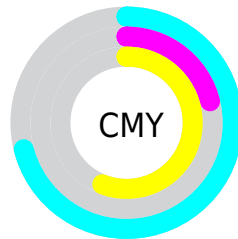
- Red (29%)
- Green (79%)
- Blue (44%)



- Red (29%)
- Yellow (67%)
- Blue (79%)



- Cyan (64%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (71%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4680, -20.4437, -69.6934 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 152.4680, -20.4437, -69.6934 by changing the saturation by 10% instead.

■ 152.4680,
-20.4437, -69.6934

■ 152.4680,
-20.4437, -69.6934

255.0000, 0.0000,
0.0000

■ 122.1190,
-17.8067, -75.5264

■ 208.4470,
-21.9124, -65.2900

■ 92.6560, -15.6064,
-81.2593

■ 220.4950,
-14.5410, -49.5461

■ 74.0710, -18.2760,
-64.9603

■ 232.3580, -6.5855,
-34.5170

■ 55.8450, -22.1086,
-48.9761

■ 244.6340, 1.6594,
-18.9730

■ 39.9160, -19.6786,
-35.0063

254.4020, 0.2948,
-1.2296

■ 27.0020, -13.3120,
-23.6808

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 152.4680,
-20.4437, -69.6934

■ 152.4680,
-20.4437, -69.6934

■ 144.8920,
-23.6108, -80.5893

■ 160.0440,
-17.2767, -58.7976

■ 137.3160,
-26.7778, -91.4851

■ 167.6200,
-14.1097, -47.9017

■ 129.7400,
-29.9448, -102.3810

■ 175.1960,
-10.9426, -37.0059

■ 124.8270,
-31.9597, -109.4733

■ 182.8860, -7.3388,
-26.2100

■ 190.7610, -4.3192,
-14.6994

■ 198.3370, -1.1521,
-3.8035

■ 205.9130, 2.0149,
7.0923

■ 213.4890, 5.1819,
17.9881

■ 221.0650, 8.3490,
28.8840

Harmonies

Analogous

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



165.1710, -49.8773, -8.9200



152.4680, -20.4437, -69.6934



140.4160, 15.0779, -123.1448

Triad

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



152.4680, -20.4437, -69.6934



138.2520, 57.5568, -121.2470



166.4460, -19.4469, 77.6619

Complementary

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



152.4680, -20.4437, -69.6934



121.5320, 20.4437, 69.6934

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.



169.5360, 7.6238, 74.9519



152.4680, -20.4437, -69.6934



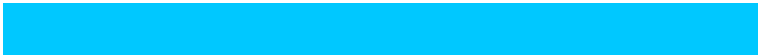
176.1680, 38.8642, -5.4093

Square

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



152.4680, -20.4437, -69.6934



146.4700, 53.5053, -128.4542



182.4360, 29.3651, 54.8686



173.0730, -47.3640, 71.8500

Rectangle

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



152.4680, -20.4437, -69.6934



145.0900, 32.9866, -127.2439



182.4360, 29.3651, 54.8686



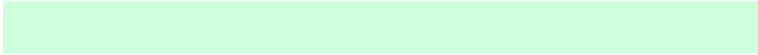
166.1500, -10.4270, 77.9214

Sweetspot

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



152.4680, -20.4437, -69.6934



236.7720, -7.7756, -26.1100



175.6440, -50.6035, -9.3348



116.6360, -4.7505, -16.3438



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.



152.4680, -20.4437, -69.6934



181.4900, -30.8076, -105.6697



159.5360, 6.6378, -75.8921



95.5110, -1.7309, -4.8331



101.1530, -26.2044, -88.7112



22.3860, -5.6133, -19.6325

Inverse Universe

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



121.5320, 20.4437, 69.6934



134.5100, 30.8076, 105.6697



114.4640, -6.6378, 75.8921



93.3750, 1.2941, 4.9331



61.8470, 26.2044, 88.7112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 152.4680, -20.4437, -69.6934 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 152.4680, -20.4437, -69.6934 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 152.4680, -20.4437, -69.6934 Background



This preview shows how black text looks on a background with the YUV color 152.4680, -20.4437, -69.6934.



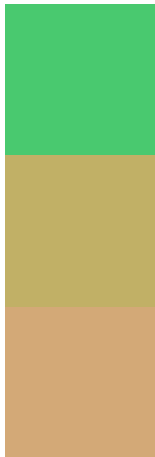
This preview shows how white text looks on a background with the YUV color 152.4680, -20.4437, -69.6934.

-69.6934.

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

152.4680, -20.4437, -69.6934

Protanopia

172.6470, -34.8290, 17.8496

Deuteranopia

175.8580, -28.0310, 30.8195



Tritanopia

165.2130, 20.1080, -56.3148

Trichromacy



Original Color

152.4680, -20.4437, -69.6934



Protanomaly

165.1160, -29.6372, -14.1337



Deuteranomaly

167.6100, -25.4437, -5.7970



Tritanomaly

160.5810, 5.1366, -61.0225

Monochromacy



Original Color

152.4680, -20.4437, -69.6934



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.1850, -7.4862, -25.5952

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4680, -20.4437, -69.6934 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(73, 201, 111)` looks like.

```
.text, #text, p{  
    color:rgb(73, 201, 111)  
}
```

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(73, 201, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 201, 111) }
```

Border

The CSS property to change the border of an element to YUV 152.4680, -20.4437, -69.6934 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(73, 201, 111) }
```


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

```
.border{ border-color:rgb(73, 201, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 201, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 201, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 201, 111);  
box-shadow:4px 4px 4px 4px rgb(73, 201,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 152.4680, -20.4437, -69.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 201, 111) }
```

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

```
.background{ background-color: rgb(73, 201,  
111) }
```

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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