

Converting Colors

YUV(139.0680, -23.6975,
-52.6796)

Have a look what the booklet for
YUV(139.0680, -23.6975, -52.6796)
contains.

YUV(139.0680, -23.6975, -52.6796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.0680, -23.6975,
-52.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB35B
RGB	79, 179, 91
RGB Percent	31%, 70%, 36%
CMY	0.6902, 0.2980, 0.6431
CMYK	0.56, 0.00, 0.49, 0.30
HSL	127°, 40%, 51%
HSV	127°, 56%, 70%
XYZ	21.2329, 34.6578, 15.4681
YIQ	139.0680, -31.3520, -48.5680

Conversions

Conversions Part 2

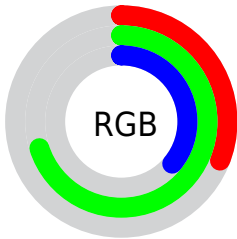
Format	Color
RYB	79, 168, 179
Decimal	5223259
CIELab	65.48, -47.83, 36.13
CIELCh	65, 59.940, 142.934
Yxy	34.6578, 0.2976, 0.4857
Android (android.graphics.Color)	4283413339 (0xFF4FB35B)
YUV	139.0680, -23.6975, -52.6796
Hunter-Lab	58.8709, -38.6447, 25.6314

Details

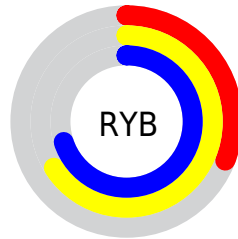
The YUV color **139.0680, -23.6975, -52.6796** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **118.9320, 23.6975, 52.6796**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4980, -25.8815, -52.1797**, and **78.4620, -17.9758, -67.9342** is the 20% darker color. If you saturate the color by 10%, you get **131.8620, -28.0330, -62.1460**, and if you desaturate by 10%, it is **146.2740, -19.3621, -43.2133**.

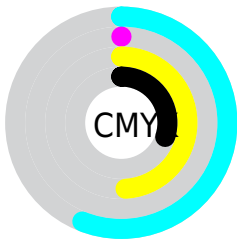
Distribution



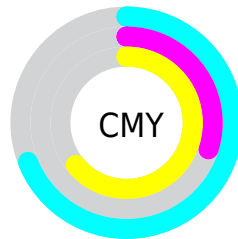
- Red (31%)
- Green (70%)
- Blue (36%)



- Red (31%)
- Yellow (66%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (49%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.0680, -23.6975, -52.6796 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 139.0680, -23.6975, -52.6796 by changing the saturation by 10% instead.

■ 139.0680,
-23.6975, -52.6796

■ 139.0680,
-23.6975, -52.6796

■ 255.0000, 0.0000,
0.0000

■ 111.1000,
-22.2343, -55.3387

■ 195.4980,
-25.8815, -52.1797

■ 78.4620, -17.9758,
-67.9342

■ 218.1010,
-23.7138, -47.4466

■ 59.9370, -21.6609,
-52.5647

■ 229.8500,
-16.1950, -32.3174

■ 44.0250, -21.7043,
-38.6099

■ 242.1260, -7.9501,
-16.7735

■ 29.9370, -14.7589,
-26.2547

■ 254.1030, 0.4422,
-1.8443

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 139.0680,
-23.6975, -52.6796

■ 139.0680,
-23.6975, -52.6796

■ 131.8620,
-28.0330, -62.1460

■ 146.2740,
-19.3621, -43.2133

■ 124.6560,
-32.3684, -71.6123

■ 153.4800,
-15.0266, -33.7470

■ 117.5640,
-36.2671, -81.1786

■ 160.5720,
-11.1280, -24.1806

■ 110.3580,
-40.6025, -90.6450

■ 167.7780, -6.7926,
-14.7143

■ 107.4670,
-42.6282, -94.2486

■ 174.9840, -2.4571,
-5.2480

■ 181.8910, 2.0257,
3.6036

■ 188.9830, 5.9244,
13.1699

■ 196.1890, 10.2598,
22.6362

■ 203.3950, 14.5953,
32.1026

Harmonies

Analogous

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



148.3830, -48.0098, -1.2129



139.0680, -23.6975, -52.6796



124.4240, 9.6510, -109.1198

Triad

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



139.0680, -23.6975, -52.6796



128.2730, 62.4764, -112.4954



156.2560, -17.8742, 86.5985

Complementary

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



139.0680, -23.6975, -52.6796



118.9320, 23.6975, 52.6796

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.



159.7430, 7.0287, 79.1554



139.0680, -23.6975, -52.6796



158.3820, 47.6327, -17.8750

Square

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



139.0680, -23.6975, -52.6796



133.4760, 54.4883, -117.0585



163.4730, 29.8398, 42.5582



156.1960, -40.5226, 70.8651

Rectangle

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



139.0680, -23.6975, -52.6796



129.2290, 25.5231, -113.3338



163.4730, 29.8398, 42.5582



156.5470, -9.1437, 86.3433

Sweetspot

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



139.0680, -23.6975, -52.6796



216.3490, -9.5391, -20.4771



164.0120, -41.9109, 2.6205



107.8430, -5.3456, -12.1403



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.



139.0680, -23.6975, -52.6796



170.0370, -36.9932, -81.5934



144.7680, -1.8576, -57.6785



85.3970, -2.1677, -4.7332



91.8630, -36.4145, -80.5639



15.6040, -6.2138, -13.6847

Inverse Universe

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



118.9320, 23.6975, 52.6796



138.8490, 36.5564, 81.6934



113.2320, 1.8576, 57.6785



83.6030, 2.1677, 4.7332



61.1370, 36.4145, 80.5639



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 139.0680, -23.6975, -52.6796 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 139.0680, -23.6975, -52.6796 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 139.0680, -23.6975, -52.6796 Background



This preview shows how black text looks on a background with the YUV color 139.0680, -23.6975, -52.6796.



This preview shows how white text looks on a background with the YUV color 139.0680, -23.6975, -52.6796.

-52.6796.

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

139.0680, -23.6975, -52.6796

Protanopia

154.3480, -34.6816, 17.2348

Deuteranopia

156.9180, -29.0466, 29.8899



Tritanopia

150.1500, 15.7021, -43.1045

Trichromacy



Original Color

139.0680, -23.6975, -52.6796

Protanomaly

148.9210, -30.5271, -8.7007

Deuteranomaly

150.1870, -27.2072, -0.1640

Tritanomaly

146.3440, 1.3094, -46.7827

Monochromacy



Original Color

139.0680, -23.6975, -52.6796

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2890, -8.5235, -19.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0680, -23.6975, -52.6796 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(79, 179, 91)` looks like.

```
.text, #text, p{  
    color:rgb(79, 179, 91)  
}
```

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(79, 179, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 179, 91) }
```

Border

The CSS property to change the border of an element to YUV 139.0680, -23.6975, -52.6796 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(79, 179, 91) }
```


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

```
.border{ border-color:rgb(79, 179, 91) }
```

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

Here you see how a box with a 4 pixel rgb(79, 179, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 179, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 179, 91);  
box-shadow:4px 4px 4px 4px rgb(79, 179,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 139.0680, -23.6975, -52.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 179, 91) }
```

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

```
.background{ background-color: rgb(79, 179,  
91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor