

Converting Colors

YUV(139.0240, -27.1268,
-72.8120)

Have a look what the booklet for
YUV(139.0240, -27.1268, -72.8120)
contains.

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Color

**YUV(139.0240, -27.1268,
-72.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	38C054
RGB	56, 192, 84
RGB Percent	22%, 75%, 33%
CMY	0.7804, 0.2471, 0.6706
CMYK	0.71, 0.00, 0.56, 0.25
HSL	132°, 55%, 49%
HSV	132°, 71%, 75%
XYZ	22.0808, 39.1801, 14.7863
YIQ	139.0240, -46.3880, -62.4200

Conversions

Conversions Part 2

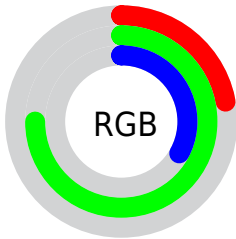
Format	Color
RYB	56, 169, 192
Decimal	3719252
CIELab	68.88, -58.50, 43.55
CIELCh	69, 72.927, 143.336
Yxy	39.1801, 0.2904, 0.5152
Android (android.graphics.Color)	4281909332 (0xFF38C054)
YUV	139.0240, -27.1268, -72.8120
Hunter-Lab	62.5940, -46.5716, 29.8101

Details

The YUV color **139.0240, -27.1268, -72.8120** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **108.9760, 27.1268, 72.8120**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4330, -30.7795, -67.9087**, and **84.0670, -25.6690, -73.7268** is the 20% darker color. If you saturate the color by 10%, you get **131.6330, -30.8781, -82.9931**, and if you desaturate by 10%, it is **146.4150, -23.3756, -62.6310**.

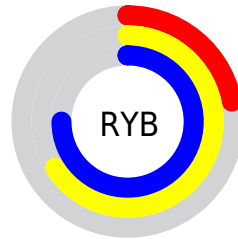
Distribution



Red (22%)

Green (75%)

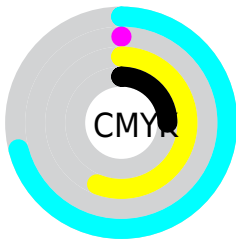
Blue (33%)



Red (22%)

Yellow (66%)

Blue (75%)

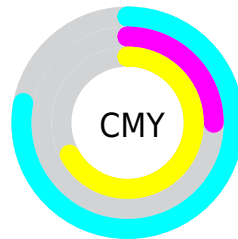


Cyan (71%)

Magenta (0%)

Yellow (56%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.0240, -27.1268, -72.8120 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 139.0240, -27.1268, -72.8120 by changing the saturation by 10% instead.

■ 139.0240,
-27.1268, -72.8120

■ 139.0240,
-27.1268, -72.8120

■ 255.0000, 0.0000,
0.0000

■ 102.9940,
-21.6890, -90.3257

■ 198.4330,
-30.7795, -67.9087

■ 84.0670, -25.6690,
-73.7268

■ 213.4160,
-24.8551, -54.7388

■ 65.1570, -32.1224,
-57.1427

■ 225.5780,
-17.0470, -39.0949

■ 49.8950, -24.5982,
-43.7579

■ 237.4410, -9.0914,
-24.0658

■ 35.2200, -17.3635,
-30.8879

■ 250.0160, -0.9939,
-7.9070

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 139.0240,
-27.1268, -72.8120

■ 139.0240,
-27.1268, -72.8120

■ 131.6330,
-30.8781, -82.9931

■ 146.4150,
-23.3756, -62.6310

■ 124.2420,
-34.6293, -93.1742

■ 153.8060,
-19.6244, -52.4499

■ 117.2640,
-38.0912, -102.8405

■ 161.6100,
-15.5837, -41.7540

■ 169.0010,
-11.8325, -31.5729

■ 176.3920, -8.0813,
-21.3918

■ 183.7830, -4.3300,
-11.2107

■ 191.2880, -0.1420,
-1.1296

■ 198.9780, 3.4618,
9.6663

■ 206.3690, 7.2131,
19.8474

Harmonies

Analogous

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



153.0180, -64.5919, -2.6468



139.0240, -27.1268, -72.8120



133.4400, 8.6571, -117.0269

Triad

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



139.0240, -27.1268, -72.8120



134.7300, 59.2931, -118.1582



152.7340, -16.1379, 89.6873

Complementary

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



139.0240, -27.1268, -72.8120



108.9760, 27.1268, 72.8120

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.



157.9100, 13.8484, 85.1479



139.0240, -27.1268, -72.8120



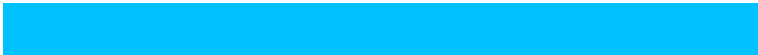
162.4910, 45.6069, -21.4786

Square

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



139.0240, -27.1268, -72.8120



142.9480, 55.2416, -125.3654



172.4880, 37.2274, 53.0690



161.2700, -49.4331, 82.2012

Rectangle

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



139.0240, -27.1268, -72.8120



139.2710, 28.4604, -122.1407



172.4880, 37.2274, 53.0690



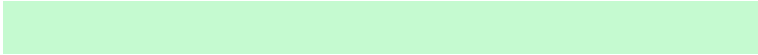
152.1930, -5.5181, 90.1617

Sweetspot

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



139.0240, -27.1268, -72.8120



229.3650, -10.5329, -28.3841



168.4230, -55.4245, -3.0020



112.8810, -6.3503, -16.5586



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



139.0240, -27.1268, -72.8120



167.0470, -42.4212, -114.0512



146.6620, 2.1386, -79.5106



93.0980, -2.0203, -5.3479



98.2690, -32.1776, -86.1819



20.1690, -6.4923, -17.6882

Inverse Universe

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



108.9760, 27.1268, 72.8120



119.9530, 42.4212, 114.0512



101.3380, -2.1386, 79.5106



90.9020, 2.0203, 5.3479



62.7310, 32.1776, 86.1819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 139.0240, -27.1268, -72.8120 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 139.0240, -27.1268, -72.8120 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 139.0240, -27.1268, -72.8120 Background



This preview shows how black text looks on a background with the YUV color 139.0240, -27.1268, -72.8120.



This preview shows how white text looks on a background with the YUV color 139.0240, -27.1268, -72.8120.

-72.8120.

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

139.0240, -27.1268, -72.8120

Protanopia

162.0080, -42.4019, 20.1640

Deuteranopia

164.6320, -35.3146, 33.6487



Tritanopia

155.0990, 19.6712, -56.2148

Trichromacy



Original Color

139.0240, -27.1268, -72.8120



Protanomaly

153.5800, -36.7679, -13.6637



Deuteranomaly

155.4870, -32.2851, -4.8121



Tritanomaly

149.0000, 2.9580, -62.2670

Monochromacy



Original Color

139.0240, -27.1268, -72.8120



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.9030, -9.8122, -26.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0240, -27.1268, -72.8120 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(56, 192, 84)` looks like.

```
.text, #text, p{  
    color:rgb(56, 192, 84)  
}
```

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(56, 192, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 192, 84) }
```

Border

The CSS property to change the border of an element to YUV 139.0240, -27.1268, -72.8120 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(56, 192, 84) }
```


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

```
.border{ border-color:rgb(56, 192, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 192, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 192, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 192, 84);  
box-shadow:4px 4px 4px 4px rgb(56, 192,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 139.0240, -27.1268, -72.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 192, 84) }
```

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

```
.background{ background-color: rgb(56, 192,  
84) }
```

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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