

Converting Colors

YUV(139.4020, -30.2712,
-44.2026)

Have a look what the booklet for
YUV(139.4020, -30.2712, -44.2026)
contains.

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Color

**YUV(139.4020, -30.2712,
-44.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	59B14E
RGB	89, 177, 78
RGB Percent	35%, 69%, 31%
CMY	0.6510, 0.3059, 0.6941
CMYK	0.50, 0.00, 0.56, 0.31
HSL	113°, 39%, 50%
HSV	113°, 56%, 69%
XYZ	21.2171, 34.1182, 12.6749
YIQ	139.4020, -20.6690, -49.4450

Conversions

Conversions Part 2

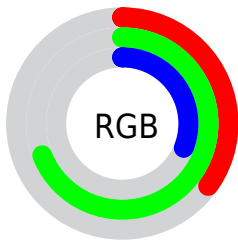
Format	Color
RYB	78, 177, 166
Decimal	5878094
CIELab	65.06, -46.07, 42.10
CIELCh	65, 62.408, 137.580
Yxy	34.1182, 0.3120, 0.5017
Android (android.graphics.Color)	4284068174 (0xFF59B14E)
YUV	139.4020, -30.2712, -44.2026
Hunter-Lab	58.4108, -37.3806, 28.0218

Details

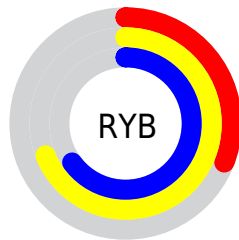
The YUV color **139.4020, -30.2712, -44.2026** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **115.5980, 30.2712, 44.2026**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9460, -32.0184, -43.8026**, and **83.3520, -27.7815, -49.4207** is the 20% darker color. If you saturate the color by 10%, you get **132.5660, -35.7750, -52.2394**, and if you desaturate by 10%, it is **146.2380, -24.7673, -36.1657**.

Distribution



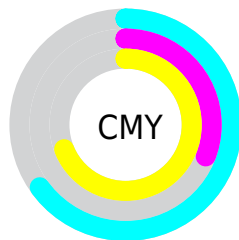
- Red (35%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (56%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4020, -30.2712, -44.2026 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 139.4020, -30.2712, -44.2026 by changing the saturation by 10% instead.

■ 139.4020,
-30.2712, -44.2026

■ 139.4020,
-30.2712, -44.2026

■ 255.0000, 0.0000,
0.0000

■ 112.0320,
-29.1028, -45.6321

■ 194.9460,
-32.0184, -43.8026

■ 83.3520, -27.7815,
-49.4207

■ 219.3100,
-30.7188, -40.6139

■ 57.5260, -28.3603,
-50.4503

■ 231.0590,
-23.2001, -25.4847

■ 42.8510, -21.1255,
-37.5803

■ 242.9220,
-15.2445, -10.4556

■ 29.3500, -14.4695,
-25.7399

■ 253.4040, -6.1152,
1.3997

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 139.4020,
-30.2712, -44.2026

■ 139.4020,
-30.2712, -44.2026

■ 132.5660,
-35.7750, -52.2394

■ 146.2380,
-24.7673, -36.1657

■ 126.1430,
-40.9895, -59.7614

■ 152.6610,
-19.5529, -28.6437

■ 119.3070,
-46.4934, -67.7982

■ 159.4970,
-14.0490, -20.6069

■ 112.4710,
-51.9972, -75.8351

■ 166.3330, -8.5452,
-12.5700

■ 109.8790,
-54.1703, -78.8239

■ 173.1690, -3.0413,
-4.5332

■ 179.5920, 2.1731,
2.9888

■ 186.4280, 7.6770,
11.0256

■ 193.2640, 13.1808,
19.0625

■ 199.9860, 18.2479,
27.1993

Harmonies

Analogous

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



147.9450, -53.7099, 7.0642



139.4020, -30.2712, -44.2026



122.4690, 4.6988, -107.4053

Triad

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



139.4020, -30.2712, -44.2026



129.4470, 61.8976, -113.5250



153.5320, -13.0803, 88.9874

Complementary

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



139.4020, -30.2712, -44.2026



115.5980, 30.2712, 44.2026

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.



158.2250, 12.7071, 77.8557



139.4020, -30.2712, -44.2026



152.9670, 50.3023, -34.1741

Square

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



139.4020, -30.2712, -44.2026



133.4930, 52.0150, -117.0734



162.7970, 35.1031, 34.3810



154.2230, -38.0709, 77.8574

Rectangle

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



139.4020, -30.2712, -44.2026



128.0890, 21.1551, -112.3341



162.7970, 35.1031, 34.3810



154.5240, -4.2023, 88.1175

Sweetspot

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



139.4020, -30.2712, -44.2026



214.9750, -12.3127, -17.5181



158.6700, -39.7703, 16.0754



106.0990, -6.9508, -10.6108



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



139.4020, -30.2712, -44.2026



171.4810, -47.0721, -68.8278



140.4450, -12.0514, -54.7643



85.5820, -2.7519, -4.0184



94.8940, -46.7827, -68.3130



16.1590, -7.9664, -11.5404

Inverse Universe

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



115.5980, 30.2712, 44.2026



134.2200, 47.2195, 68.2131



114.5550, 12.0514, 54.7643



83.4180, 2.7519, 4.0184



58.1060, 46.7827, 68.3130



9.8410, 7.9664, 11.5404

Previews

White Background



This preview shows how the YUV color 139.4020, -30.2712, -44.2026 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 139.4020, -30.2712, -44.2026 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 139.4020, -30.2712, -44.2026 Background



This preview shows how black text looks on a background with the YUV color 139.4020, -30.2712, -44.2026.



This preview shows how white text looks on a background with the YUV color 139.4020, -30.2712, -44.2026.

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

139.4020, -30.2712, -44.2026

Protanopia

152.3930, -39.6337, 18.9493

Deuteranopia

155.1480, -34.5830, 32.3192



Tritanopia

150.8520, 14.3700, -35.8272

Trichromacy



Original Color

139.4020, -30.2712, -44.2026

Protanomaly

147.4610, -36.2163, -3.9123

Deuteranomaly

149.6130, -33.3332, 4.7244

Tritanomaly

146.5900, -1.7699, -39.1054

Monochromacy



Original Color

139.4020, -30.2712, -44.2026

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3280, -11.0077, -16.0737

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4020, -30.2712, -44.2026 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(89, 177, 78)` looks like.

```
.text, #text, p{  
    color:rgb(89, 177, 78)  
}
```

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(89, 177, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 177, 78) }
```

Border

The CSS property to change the border of an element to YUV 139.4020, -30.2712, -44.2026 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(89, 177, 78) }
```


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

```
.border{ border-color:rgb(89, 177, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 177, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 177, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 177, 78);  
box-shadow:4px 4px 4px 4px rgb(89, 177,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 139.4020, -30.2712, -44.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 177, 78) }
```

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

```
.background{ background-color: rgb(89, 177,  
78) }
```

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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