

Converting Colors

YUV(126.2080, -39.5425,
-57.1874)

Have a look what the booklet for
YUV(126.2080, -39.5425, -57.1874)
contains.

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Color

**YUV(126.2080, -39.5425,
-57.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	3DAF2E
RGB	61, 175, 46
RGB Percent	24%, 69%, 18%
CMY	0.7608, 0.3137, 0.8196
CMYK	0.65, 0.00, 0.74, 0.31
HSL	113°, 58%, 43%
HSV	113°, 74%, 69%
XYZ	17.7476, 31.8493, 7.7969
YIQ	126.2080, -26.5350, -64.2870

Conversions

Conversions Part 2

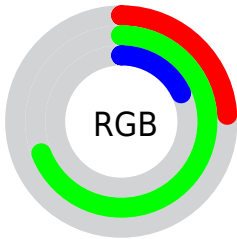
Format	Color
RYB	46, 175, 160
Decimal	4042542
CIELab	63.22, -55.67, 53.53
CIELCh	63, 77.234, 136.124
Yxy	31.8493, 0.3092, 0.5549
Android (android.graphics.Color)	4282232622 (0xFF3DAF2E)
YUV	126.2080, -39.5425, -57.1874
Hunter-Lab	56.4352, -42.6274, 31.3133

Details

The YUV color **126.2080, -39.5425, -57.1874** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **94.7920, 39.5425, 57.1874**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0620, -41.4426, -54.4284**, and **71.0270, -35.0163, -62.2907** is the 20% darker color. If you saturate the color by 10%, you get **119.7850, -44.7570, -64.7094**, and if you desaturate by 10%, it is **132.7450, -33.8913, -49.7654**.

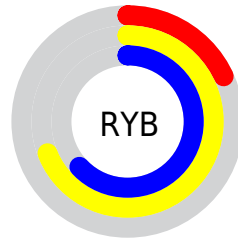
Distribution



Red (24%)

Green (69%)

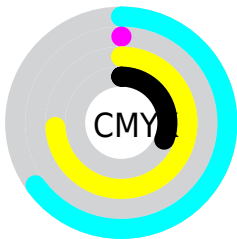
Blue (18%)



Red (18%)

Yellow (69%)

Blue (63%)

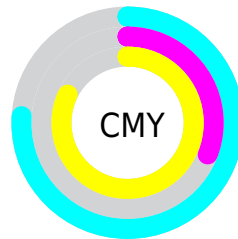


Cyan (65%)

Magenta (0%)

Yellow (74%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2080, -39.5425, -57.1874 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 126.2080, -39.5425, -57.1874 by changing the saturation by 10% instead.

■ 126.2080,
-39.5425, -57.1874

■ 126.2080,
-39.5425, -57.1874

■ 255.0000, 0.0000,
0.0000

■ 93.6260, -40.2416,
-66.3240

■ 184.0620,
-41.4426, -54.4284

■ 71.0270, -35.0163,
-62.2907

■ 209.6110,
-40.7272, -50.5248

■ 55.7650, -27.4921,
-48.9059

■ 221.3600,
-33.2085, -35.3957

■ 41.0900, -20.2574,
-36.0359

■ 233.5220,
-25.4003, -19.7518

■ 28.1760, -13.8908,
-24.7104

■ 245.7980,
-17.1554, -4.2078

■ 11.1530, -5.4984,
-9.7812

■ 253.2900, -6.5520,

■ 0.0000, 0.0000,

1.4997

0.0000

■ 126.2080,
-39.5425, -57.1874

■ 126.2080,
-39.5425, -57.1874

■ 119.7850,
-44.7570, -64.7094

■ 132.7450,
-33.8913, -49.7654

■ 112.9490,
-50.2609, -72.7463

■ 139.4670,
-28.8242, -41.6286

■ 108.7050,
-53.5916, -77.7943

■ 146.0040,
-23.1730, -34.2065

■ 152.7260,
-18.1059, -26.0697

■ 159.2630,
-12.4547, -18.6477

■ 165.9850, -7.3876,
-10.5108

■ 172.5220, -1.7363,
-3.0888

■ 179.2440, 3.3307,
5.0480

■ 185.6670, 8.5452,
12.5700

Harmonies

Analogous

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



139.0580, -68.5556, 8.7191



126.2080, -39.5425, -57.1874



120.2860, -1.1270, -105.4908

Triad

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



126.2080, -39.5425, -57.1874



128.8600, 62.1870, -113.0102



135.5970, -8.1823, 104.7164

Complementary

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



126.2080, -39.5425, -57.1874



94.7920, 39.5425, 57.1874

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.



146.3980, 20.5098, 95.2440



126.2080, -39.5425, -57.1874



135.3810, 58.9722, -61.7241

Square

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



126.2080, -39.5425, -57.1874



134.8610, 57.2565, -118.2731



156.8760, 45.4171, 39.5737



144.9110, -44.8191, 95.6711

Rectangle

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



126.2080, -39.5425, -57.1874



126.9320, 19.2605, -111.3194



156.8760, 45.4171, 39.5737



136.4580, 2.7322, 103.9613

Sweetspot

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



126.2080, -39.5425, -57.1874



208.1440, -15.3540, -22.0513



151.4890, -52.0061, 20.6191



103.5070, -9.1240, -13.5996



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.



126.2080, -39.5425, -57.1874



151.2770, -61.2686, -88.8199



127.3090, -15.9283, -71.3080



83.5820, -2.7519, -4.0184



93.1330, -45.9146, -66.7686



14.3980, -7.0982, -9.9960

Inverse Universe

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



94.7920, 39.5425, 57.1874



102.7230, 61.2686, 88.8199



93.6910, 15.9283, 71.3080



81.4180, 2.7519, 4.0184



56.8670, 45.9146, 66.7686



8.6020, 7.0982, 9.9960

Previews

White Background



This preview shows how the YUV color 126.2080, -39.5425, -57.1874 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 126.2080, -39.5425, -57.1874 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 126.2080, -39.5425, -57.1874 Background



This preview shows how black text looks on a background with the YUV color 126.2080, -39.5425, -57.1874.



This preview shows how white text looks on a background with the YUV color 126.2080, -39.5425, -57.1874.

-57.1874.

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

126.2080, -39.5425, -57.1874

Protanopia

144.9130, -51.7221, 22.8783

Deuteranopia

147.6510, -44.1979, 36.2631



Tritanopia

143.2530, 16.1443, -44.9489

Trichromacy



Original Color

126.2080, -39.5425, -57.1874



Protanomaly

137.8770, -47.2674, -6.0311



Deuteranomaly

139.5990, -42.2003, 2.1057



Tritanomaly

136.9540, -3.9213, -49.0717

Monochromacy



Original Color

126.2080, -39.5425, -57.1874



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.0840, -14.3384, -21.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2080, -39.5425, -57.1874 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(61, 175, 46)` looks like.

```
.text, #text, p{  
    color:rgb(61, 175, 46)  
}
```

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(61, 175, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 175, 46) }
```

Border

The CSS property to change the border of an element to YUV 126.2080, -39.5425, -57.1874 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(61, 175, 46) }
```


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

```
.border{ border-color:rgb(61, 175, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 175, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 175, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 175, 46);  
box-shadow:4px 4px 4px 4px rgb(61, 175,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 126.2080, -39.5425, -57.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 175, 46) }
```

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

```
.background{ background-color: rgb(61, 175,  
46) }
```

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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