

Converting Colors

YUV(146.0540, -59.1866,
-9.6944)

Have a look what the booklet for
YUV(146.0540, -59.1866, -9.6944)
contains.

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Color

**YUV(146.0540, -59.1866,
-9.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	87AF1A
RGB	135, 175, 26
RGB Percent	53%, 69%, 10%
CMY	0.4706, 0.3137, 0.8980
CMYK	0.23, 0.00, 0.85, 0.31
HSL	76°, 74%, 39%
HSV	76°, 85%, 69%
XYZ	25.5081, 35.8854, 6.5594
YIQ	146.0540, 23.9890, -54.8190

Conversions

Conversions Part 2

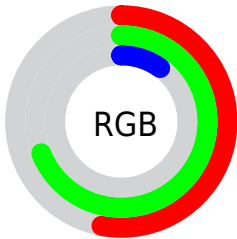
Format	Color
RYB	26, 175, 66
Decimal	8892186
CIELab	66.43, -32.80, 63.72
CIELCh	66, 71.666, 117.234
Yxy	35.8854, 0.3754, 0.5281
Android (android.graphics.Color)	4287082266 (0xFF87AF1A)
YUV	146.0540, -59.1866, -9.6944
Hunter-Lab	59.9044, -28.8251, 35.4409

Details

The YUV color **146.0540, -59.1866, -9.6944** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **54.9460, 59.1866, 9.6944**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9230, -57.1500, -9.5795**, and **95.5340, -47.0983, -13.6233** is the 20% darker color. If you saturate the color by 10%, you get **142.6210, -65.8752, -11.0686**, and if you desaturate by 10%, it is **149.6010, -52.0613, -8.4201**.

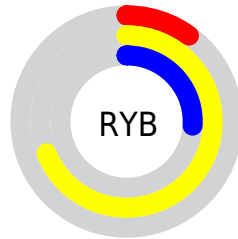
Distribution



Red (53%)

Green (69%)

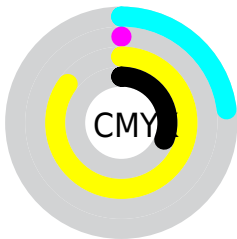
Blue (10%)



Red (10%)

Yellow (69%)

Blue (26%)

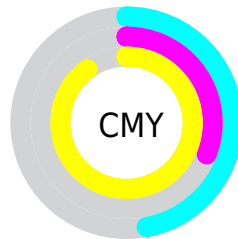


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0540, -59.1866, -9.6944 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 146.0540, -59.1866, -9.6944 by changing the saturation by 10% instead.

■ 146.0540,
-59.1866, -9.6944

■ 146.0540,
-59.1866, -9.6944

■ 255.0000, 0.0000,
0.0000

■ 118.8690,
-58.6024, -10.4091

■ 202.9230,
-57.1500, -9.5795

■ 95.5340, -47.0983,
-13.6233

■ 228.8740,
-56.1399, -6.9055

■ 72.7860, -35.8835,
-17.3523

■ 240.9220,
-48.7685, 8.8384

■ 49.4290, -24.3685,
-24.0552

■ 245.3100,
-37.1278, 8.4981

■ 29.3500, -14.4695,
-25.7399

■ 248.6160,
-24.4607, 5.5988

■ 18.1970, -8.9711,
-15.9588

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 146.0540,
-59.1866, -9.6944

■ 146.0540,
-59.1866, -9.6944

■ 142.6210,
-65.8752, -11.0686

■ 149.6010,
-52.0613, -8.4201

■ 140.9970,
-69.5115, -11.3984

■ 152.7350,
-45.2254, -7.6606

■ 156.2820,
-38.1000, -6.3863

■ 159.7150,
-31.4115, -5.0121

■ 162.9630,
-24.1388, -4.3526

■ 166.3960,
-17.4502, -2.9783

■ 169.9430,
-10.3249, -1.7040

■ 173.3760, -3.6364,
-0.3298

■ 176.6240, 3.6364,
0.3298

Harmonies

Analogous

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



151.3610, -74.6210, 40.9024



146.0540, -59.1866, -9.6944



124.7810, -18.6260, -92.7699

Triad

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



146.0540, -59.1866, -9.6944



137.6650, 57.8462, -120.7322



151.9770, 8.8853, 90.3512

Complementary

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



146.0540, -59.1866, -9.6944



54.9460, 59.1866, 9.6944

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.



164.7940, 33.1326, 59.8167



146.0540, -59.1866, -9.6944



129.4470, 61.8976, -113.5250

Square

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



146.0540, -59.1866, -9.6944



137.0830, 40.3851, -120.2218



159.6110, 47.0268, -10.1828



149.4910, -20.9481, 92.5314

Rectangle

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



146.0540, -59.1866, -9.6944



126.4640, 2.2362, -110.9089



159.6110, 47.0268, -10.1828



157.4200, 17.0479, 85.5777

Sweetspot

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



146.0540, -59.1866, -9.6944



215.4900, -23.4126, -3.9377



94.0310, -33.5393, 71.0098



107.9060, -14.2507, -2.5486



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.



146.0540, -59.1866, -9.6944



182.8830, -90.1613, -14.8064



123.9280, -48.2785, -55.1879



85.0770, -3.4890, -0.9445



120.9400, -59.6234, -9.5944



18.5840, -9.1619, -1.3892

Inverse Universe

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



54.9460, 59.1866, 9.6944



44.1170, 90.1613, 14.8064



77.0720, 48.2785, 55.1879



79.6240, 3.6364, 0.3298



29.0600, 59.6234, 9.5944



4.4160, 9.1619, 1.3892

Previews

White Background



This preview shows how the YUV color 146.0540, -59.1866, -9.6944 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 146.0540, -59.1866, -9.6944 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 146.0540, -59.1866, -9.6944 Background



This preview shows how black text looks on a background with the YUV color 146.0540, -59.1866, -9.6944.



This preview shows how white text looks on a background with the YUV color 146.0540, -59.1866, -9.6944.

-9.6944.

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

146.0540, -59.1866, -9.6944

Protanopia

151.4330, -63.8105, 26.8073

Deuteranopia

154.7690, -56.5811, 41.4216



Tritanopia

160.5950, 7.5947, -9.2918

Trichromacy



Original Color

146.0540, -59.1866, -9.6944

Protanomaly

149.3990, -62.3147, 13.6821

Deuteranomaly

151.7190, -57.5425, 23.0484

Tritanomaly

155.1780, -16.8498, -8.9261

Monochromacy



Original Color

146.0540, -59.1866, -9.6944

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2450, -21.8128, -3.7229

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0540, -59.1866, -9.6944 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(135, 175, 26)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 26)  
}
```

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(135, 175, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 26) }
```

Border

The CSS property to change the border of an element to YUV 146.0540, -59.1866, -9.6944 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(135, 175, 26) }
```


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

```
.border{ border-color:rgb(135, 175, 26) }
```

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

Here you see how a box with a 4 pixel rgb(135, 175, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 175, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 175, 26);  
box-shadow:4px 4px 4px 4px rgb(135, 175,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 146.0540, -59.1866, -9.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 26) }
```

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

```
.background{ background-color: rgb(135,  
175, 26) }
```

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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