

Converting Colors

YUV(126.2170, -9.4740,
-41.4093)

Have a look what the booklet for
YUV(126.2170, -9.4740, -41.4093)
contains.

YUV(126.2170, -9.4740, -41.4093)	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(126.2170, -9.4740,
-41.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9A6B
RGB	79, 154, 107
RGB Percent	31%, 60%, 42%
CMY	0.6902, 0.3961, 0.5804
CMYK	0.49, 0.00, 0.31, 0.40
HSL	142°, 32%, 46%
HSV	142°, 49%, 60%
XYZ	17.4339, 25.8350, 17.9777
YIQ	126.2170, -29.6130, -30.5170

Conversions

Conversions Part 2

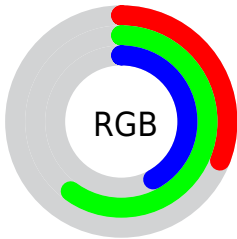
Format	Color
RYB	79, 134, 154
Decimal	5216875
CIELab	57.88, -34.36, 17.66
CIElCh	58, 38.631, 152.799
Yxy	25.8350, 0.2847, 0.4218
Android (android.graphics.Color)	4283406955 (0xFF4F9A6B)
YUV	126.2170, -9.4740, -41.4093
Hunter-Lab	50.8281, -27.7243, 14.6091

Details

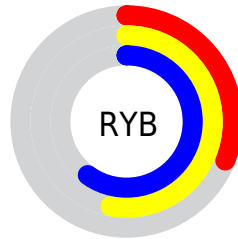
The YUV color **126.2170, -9.4740, -41.4093** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **106.7830, 9.4740, 41.4093**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5760, -10.6370, -41.7242**, and **73.1780, -6.9898, -44.8831** is the 20% darker color. If you saturate the color by 10%, you get **120.5920, -11.6309, -49.6312**, and if you desaturate by 10%, it is **131.8420, -7.3171, -33.1874**.

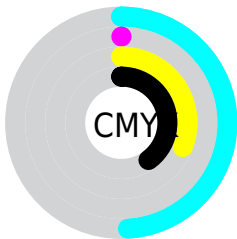
Distribution



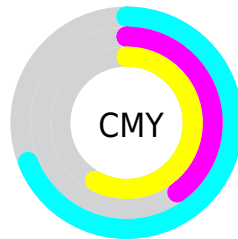
- Red (31%)
- Green (60%)
- Blue (42%)



- Red (31%)
- Yellow (53%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2170, -9.4740, -41.4093 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 126.2170, -9.4740, -41.4093 by changing the saturation by 10% instead.

■ 126.2170, -9.4740,
-41.4093

■ 126.2170, -9.4740,
-41.4093

■ 255.0000, 0.0000,
0.0000

■ 100.1460, -8.4530,
-42.2240

■ 180.5760,
-10.6370, -41.7242

■ 73.1780, -6.9898,
-44.8831

■ 208.1630,
-10.9264, -42.2390

■ 50.0040, -6.4110,
-43.8535

■ 230.1790, -8.4692,
-36.9910

■ 33.5220, -8.6383,
-29.3988

■ 241.8570, 0.0705,
-22.6766

■ 19.9580, -9.8393,
-17.5032

■ 252.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 126.2170, -9.4740,
-41.4093

■ 126.2170, -9.4740,
-41.4093

■ 120.5920,
-11.6309, -49.6312

■ 131.8420, -7.3171,
-33.1874

■ 114.7820,
-13.2035, -58.5678

■ 137.6520, -5.7444,
-24.2508

■ 109.1570,
-15.3604, -66.7897

■ 143.2770, -3.5876,
-16.0289

■ 103.2330,
-17.3699, -75.6263

■ 149.2010, -1.5781,
-7.1923

■ 97.7220, -19.0899,
-83.9482

■ 154.7120, 0.1420,
1.1296

■ 96.8960, -19.6687,
-84.9778

■ 160.3370, 2.2989,
9.3515

■ 166.2610, 4.3083,
18.1881

■ 171.7720, 6.0284,

26.5100

■ 177.6960, 8.0379,
35.3466

Harmonies

Analogous

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



132.5880, -25.4329, -9.2857



126.2170, -9.4740, -41.4093



108.2330, 16.1541, -94.9203

Triad

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



126.2170, -9.4740, -41.4093



133.1610, 35.9096, -37.8522



140.0470, -17.7712, 53.4558

Complementary

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



126.2170, -9.4740, -41.4093



106.7830, 9.4740, 41.4093

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.



141.1730, -2.0573, 53.3453



126.2170, -9.4740, -41.4093



141.7210, 26.7595, 3.7527

Square

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



126.2170, -9.4740, -41.4093



111.2090, 42.7880, -97.5303



143.1890, 13.7108, 35.7912



138.2830, -29.2265, 40.9708

Rectangle

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



126.2170, -9.4740, -41.4093



110.2680, 26.4899, -96.7050



143.1890, 13.7108, 35.7912



140.1380, -12.3930, 55.1300

Sweetspot

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



126.2170, -9.4740, -41.4093



189.9780, -3.4402, -16.6437



137.0780, -28.6325, -9.7154



95.2500, -2.5882, -9.8663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



126.2170, -9.4740, -41.4093



157.9940, -14.7870, -64.0157



130.4350, 6.6875, -45.1085



74.0380, -1.0047, -4.4183



88.1080, -17.8012, -77.2707



8.2010, -1.5781, -7.1923

Inverse Universe

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



106.7830, 9.4740, 41.4093



128.0060, 14.7870, 64.0157



102.5650, -6.6875, 45.1085



71.9620, 1.0047, 4.4183



51.8920, 17.8012, 77.2707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 126.2170, -9.4740, -41.4093 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2170, -9.4740, -41.4093 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.2170, -9.4740, -41.4093

Background



This preview shows how black text looks on a background with the YUV color 126.2170, -9.4740, -41.4093.



This preview shows how white text looks on a background with the YUV color 126.2170, -9.4740,

-41.4093.

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

126.2170, -9.4740, -41.4093

Protanopia

136.9570, -18.2198, 10.5617

Deuteranopia

138.9780, -13.3002, 19.3133



Tritanopia

131.9230, 13.3490, -35.0125

Trichromacy



Original Color

126.2170, -9.4740, -41.4093

Protanomaly

133.3460, -14.9606, -8.1964

Deuteranomaly

134.4760, -12.0667, -3.0485

Tritanomaly

130.0230, 4.9187, -37.7312

Monochromacy



Original Color

126.2170, -9.4740, -41.4093

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9890, -3.4456, -14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2170, -9.4740, -41.4093 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, 154, 107)` looks like.

```
.text, #text, p{  
    color:rgb(79, 154, 107)  
}
```

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, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 154, 107) }
```

Border

The CSS property to change the border of an element to YUV 126.2170, -9.4740, -41.4093 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, 154, 107) }
```


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

```
.border{ border-color:rgb(79, 154, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 154, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(79, 154,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 126.2170, -9.4740, -41.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 154, 107) }
```

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

```
.background{ background-color: rgb(79, 154,  
107) }
```

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