

Converting Colors

YUV(118.5460, -21.9612,
-49.5908)

Have a look what the booklet for
YUV(118.5460, -21.9612, -49.5908)
contains.

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Color

**YUV(118.5460, -21.9612,
-49.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9C4A
RGB	62, 156, 74
RGB Percent	24%, 61%, 29%
CMY	0.7569, 0.3882, 0.7098
CMYK	0.60, 0.00, 0.53, 0.39
HSL	128°, 43%, 43%
HSV	128°, 60%, 61%
XYZ	15.1111, 25.2955, 10.5646
YIQ	118.5460, -29.7020, -45.4300

Conversions

Conversions Part 2

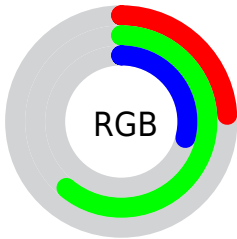
Format	Color
RYB	62, 145, 156
Decimal	4103242
CIELab	57.36, -45.35, 34.58
CIELCh	57, 57.032, 142.671
Yxy	25.2955, 0.2965, 0.4963
Android (android.graphics.Color)	4282293322 (0xFF3E9C4A)
YUV	118.5460, -21.9612, -49.5908
Hunter-Lab	50.2946, -34.3849, 22.7521

Details

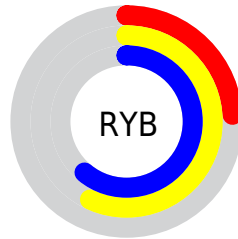
The YUV color **118.5460, -21.9612, -49.5908** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **99.4540, 21.9612, 49.5908**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6880, -24.0032, -47.9614**, and **64.0120, -18.7399, -56.1385** is the 20% darker color. If you saturate the color by 10%, you get **112.1660, -25.7178, -58.0276**, and if you desaturate by 10%, it is **124.9260, -18.2045, -41.1541**.

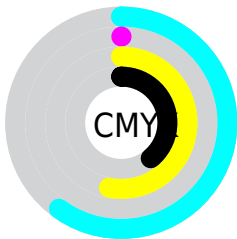
Distribution



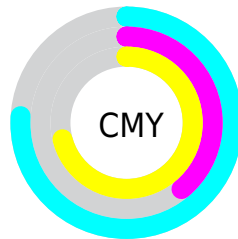
- Red (24%)
- Green (61%)
- Blue (29%)



- Red (24%)
- Yellow (57%)
- Blue (61%)



- Cyan (60%)
- Magenta (0%)
- Yellow (53%)
- Black (39%)



- Cyan (76%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5460, -21.9612, -49.5908 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 118.5460, -21.9612, -49.5908 by changing the saturation by 10% instead.

■ 118.5460,
-21.9612, -49.5908

■ 118.5460,
-21.9612, -49.5908

■ 255.0000, 0.0000,
0.0000

■ 90.0940, -19.7663,
-53.5794

■ 173.6880,
-24.0032, -47.9614

■ 64.0120, -18.7399,
-56.1385

■ 202.0470,
-25.1662, -48.2762

■ 46.3730, -22.8619,
-40.6691

■ 222.3020,
-21.8409, -41.4839

■ 32.2850, -15.9165,
-28.3139

■ 234.1650,
-13.8853, -26.4547

■ 19.3710, -9.5499,
-16.9884

■ 246.0280, -5.9298,
-11.4256

■ 0.0000, 0.0000,
0.0000

■ 118.5460,
-21.9612, -49.5908

■ 118.5460,
-21.9612, -49.5908

■ 112.1660,
-25.7178, -58.0276

■ 124.9260,
-18.2045, -41.1541

■ 106.1990,
-29.1851, -65.9495

■ 130.8930,
-14.7372, -33.2322

■ 99.8190, -32.9418,
-74.3863

■ 137.2730,
-10.9806, -24.7954

■ 93.8520, -36.4090,
-82.3082

■ 143.2400, -7.5133,
-16.8735

■ 149.6200, -3.7567,
-8.4367

■ 156.0000, 0.0000,
0.0000

■ 161.9670, 3.4673,
7.9219

■ 168.3470, 7.2239,

16.3587

■ 174.3140, 10.6912,
24.2806

Harmonies

Analogous

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



127.6650, -45.6838, -0.5832



118.5460, -21.9612, -49.5908



108.5290, 7.1342, -95.1799

Triad

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



118.5460, -21.9612, -49.5908



113.3070, 60.9806, -99.3702



134.6790, -16.1107, 80.9655

Complementary

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



118.5460, -21.9612, -49.5908



99.4540, 21.9612, 49.5908

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.



137.4110, 7.1924, 73.3076



118.5460, -21.9612, -49.5908



137.2140, 45.7435, -18.6047

Square

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



118.5460, -21.9612, -49.5908



116.7830, 48.9140, -102.4187



141.6960, 28.2509, 38.8546



134.3740, -37.1594, 65.4470

Rectangle

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



118.5460, -21.9612, -49.5908



113.1060, 22.1327, -99.1940



141.6960, 28.2509, 38.8546



135.1550, -7.9644, 81.4251

Sweetspot

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



118.5460, -21.9612, -49.5908



189.2890, -8.5235, -19.5475



141.9950, -39.4375, 2.6354



93.1420, -5.4930, -11.5255



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.



118.5460, -21.9612, -49.5908



145.4550, -34.2413, -77.5750



123.7900, -1.8685, -54.1898



75.8100, -1.8783, -4.2184



85.9930, -33.5205, -75.4159



9.0330, -3.4673, -7.9219

Inverse Universe

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



99.4540, 21.9612, 49.5908



115.5450, 34.2413, 77.5750



94.2100, 1.8685, 54.1898



74.1900, 1.8783, 4.2184



57.0070, 33.5205, 75.4159



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 118.5460, -21.9612, -49.5908 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 118.5460, -21.9612, -49.5908 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 118.5460, -21.9612, -49.5908 Background



This preview shows how black text looks on a background with the YUV color 118.5460, -21.9612, -49.5908.



This preview shows how white text looks on a background with the YUV color 118.5460, -21.9612, -49.5908.

-49.5908.

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

118.5460, -21.9612, -49.5908

Protanopia

133.3200, -32.2028, 15.5054

Deuteranopia

135.7650, -26.9991, 26.5161



Tritanopia

129.5310, 14.5282, -39.9307

Trichromacy



Original Color

118.5460, -21.9612, -49.5908

Protanomaly

128.0890, -28.6379, -7.9711

Deuteranomaly

129.3440, -25.3126, -1.1787

Tritanomaly

125.3660, 1.2986, -43.2940

Monochromacy



Original Color

118.5460, -21.9612, -49.5908

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.5280, -7.6553, -18.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5460, -21.9612, -49.5908 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(62, 156, 74)` looks like.

```
.text, #text, p{  
    color:rgb(62, 156, 74)  
}
```

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(62, 156, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 156, 74) }
```

Border

The CSS property to change the border of an element to YUV 118.5460, -21.9612, -49.5908 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(62, 156, 74) }
```


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

```
.border{ border-color:rgb(62, 156, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 156, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 156, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 156, 74);  
box-shadow:4px 4px 4px 4px rgb(62, 156,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 118.5460, -21.9612, -49.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 156, 74) }
```

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

```
.background{ background-color: rgb(62, 156,  
74) }
```

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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