

Converting Colors

YUV(126.8710, -18.1774,
-49.8759)

Have a look what the booklet for
YUV(126.8710, -18.1774, -49.8759)
contains.

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Color

**YUV(126.8710, -18.1774,
-49.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	46A35A
RGB	70, 163, 90
RGB Percent	27%, 64%, 35%
CMY	0.7255, 0.3608, 0.6471
CMYK	0.57, 0.00, 0.45, 0.36
HSL	133°, 40%, 46%
HSV	133°, 57%, 64%
XYZ	17.4684, 28.2347, 14.2020
YIQ	126.8710, -31.9950, -42.4190

Conversions

Conversions Part 2

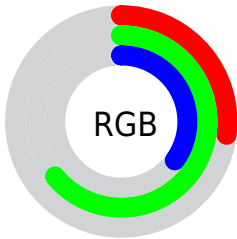
Format	Color
RYB	70, 147, 163
Decimal	4629338
CIELab	60.10, -43.74, 29.78
CIELCh	60, 52.915, 145.753
Yxy	28.2347, 0.2916, 0.4713
Android (android.graphics.Color)	4282819418 (0xFF46A35A)
YUV	126.8710, -18.1774, -49.8759
Hunter-Lab	53.1363, -34.3070, 21.3487

Details

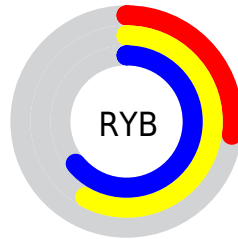
The YUV color **126.8710, -18.1774, -49.8759** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **106.1290, 18.1774, 49.8759**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3010, -20.3614, -49.3760**, and **69.3580, -13.4875, -60.8270** is the 20% darker color. If you saturate the color by 10%, you get **120.6050, -21.4973, -58.4126**, and if you desaturate by 10%, it is **133.1370, -14.8575, -41.3391**.

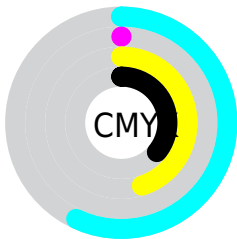
Distribution



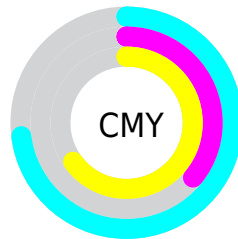
- Red (27%)
- Green (64%)
- Blue (35%)



- Red (27%)
- Yellow (58%)
- Blue (64%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8710, -18.1774, -49.8759 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 126.8710, -18.1774, -49.8759 by changing the saturation by 10% instead.

■ 126.8710,
-18.1774, -49.8759

■ 126.8710,
-18.1774, -49.8759

■ 255.0000, 0.0000,
0.0000

■ 99.0170, -16.2774,
-52.6349

■ 182.3010,
-20.3614, -49.3760

■ 69.3580, -13.4875,
-60.8270

■ 210.7740,
-21.0876, -49.7908

■ 52.0610, -16.2991,
-45.6575

■ 226.3330,
-15.4472, -38.8800

■ 35.8070, -17.6529,
-31.4027

■ 238.1960, -7.4916,
-23.8509

■ 23.4800, -11.5756,
-20.5920

■ 250.4720, 0.7533,
-8.3069

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,

0.0000

■ 126.8710,
-18.1774, -49.8759

■ 126.8710,
-18.1774, -49.8759

■ 120.6050,
-21.4973, -58.4126

■ 133.1370,
-14.8575, -41.3391

■ 114.0400,
-24.6697, -67.5641

■ 139.7020,
-11.6851, -32.1877

■ 107.8880,
-27.5528, -76.2008

■ 145.8540, -8.8020,
-23.5510

■ 101.6220,
-30.8726, -84.7375

■ 152.1200, -5.4822,
-15.0142

■ 99.6710, -31.8828,
-87.4115

■ 158.6850, -2.3097,
-5.8627

■ 164.9510, 1.0102,
2.6740

■ 171.2170, 4.3300,
11.2107

■ 177.3690, 7.2131,
19.8474

■ 183.9340, 10.3855,
28.9989

Harmonies

Analogous

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



135.8370, -39.8526, -4.2420



126.8710, -18.1774, -49.8759



113.5330, 11.0762, -99.5684

Triad

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



126.8710, -18.1774, -49.8759



116.3560, 59.9705, -102.0442



143.4780, -17.9837, 75.0028

Complementary

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



126.8710, -18.1774, -49.8759



106.1290, 18.1774, 49.8759

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.



145.4770, 3.7088, 70.6187



126.8710, -18.1774, -49.8759



145.7160, 41.0590, -9.3979

Square

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



126.8710, -18.1774, -49.8759



120.8750, 49.3616, -106.0074



148.9690, 24.1723, 40.3692



142.4550, -36.7063, 60.1140

Rectangle

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



126.8710, -18.1774, -49.8759



117.8820, 25.2012, -103.3825



148.9690, 24.1723, 40.3692



144.0250, -10.8583, 76.2771

Sweetspot

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



126.8710, -18.1774, -49.8759



197.9300, -7.3605, -19.2326



146.7170, -37.8215, -2.3828



98.7830, -4.3300, -11.2107



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



126.8710, -18.1774, -49.8759



156.0620, -28.1316, -77.2304



132.0010, 1.4785, -54.3749



78.5110, -1.7309, -4.8331



88.6490, -28.4210, -77.7452



11.0220, -3.4618, -9.6663

Inverse Universe

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



106.1290, 18.1774, 49.8759



123.9380, 28.1316, 77.2304



100.9990, -1.4785, 54.3749



76.4890, 1.7309, 4.8331



56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 126.8710, -18.1774, -49.8759 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 126.8710, -18.1774, -49.8759 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 126.8710, -18.1774, -49.8759 Background



This preview shows how black text looks on a background with the YUV color 126.8710, -18.1774, -49.8759.



This preview shows how white text looks on a background with the YUV color 126.8710, -18.1774, -49.8759.

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

126.8710, -18.1774, -49.8759

Protanopia

141.2320, -28.7084, 14.7055

Deuteranopia

143.3780, -23.3574, 25.1015



Tritanopia

136.3460, 15.1124, -40.6454

Trichromacy



Original Color

126.8710, -18.1774, -49.8759

Protanomaly

136.1150, -24.7067, -8.8709

Deuteranomaly

137.3700, -21.3814, -2.0785

Tritanomaly

132.8220, 3.0458, -43.6939

Monochromacy



Original Color

126.8710, -18.1774, -49.8759

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8700, -6.3449, -18.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8710, -18.1774, -49.8759 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(70, 163, 90)` looks like.

```
.text, #text, p{  
    color:rgb(70, 163, 90)  
}
```

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(70, 163, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 163, 90) }
```

Border

The CSS property to change the border of an element to YUV 126.8710, -18.1774, -49.8759 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(70, 163, 90) }
```


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

```
.border{ border-color:rgb(70, 163, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 163, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 163, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 163, 90);  
box-shadow:4px 4px 4px 4px rgb(70, 163,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 126.8710, -18.1774, -49.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 163, 90) }
```

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

```
.background{ background-color: rgb(70, 163,  
90) }
```

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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