

Converting Colors

YUV(96.4510, -11.0683,
-43.3685)

Have a look what the booklet for
YUV(96.4510, -11.0683, -43.3685)
contains.

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Color

**YUV(96.4510, -11.0683,
-43.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7E4A
RGB	47, 126, 74
RGB Percent	18%, 49%, 29%
CMY	0.8157, 0.5059, 0.7098
CMYK	0.63, 0.00, 0.41, 0.51
HSL	141°, 46%, 34%
HSV	141°, 63%, 49%
XYZ	9.8692, 16.0205, 9.0507
YIQ	96.4510, -30.3920, -32.9200

Conversions

Conversions Part 2

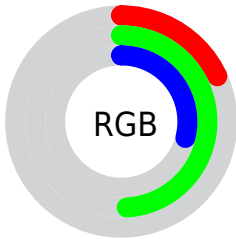
Format	Color
RYB	47, 106, 126
Decimal	3112522
CIELab	47.00, -36.55, 21.34
CIELCh	47, 42.322, 149.722
Yxy	16.0205, 0.2825, 0.4585
Android (android.graphics.Color)	4281302602 (0xFF2F7E4A)
YUV	96.4510, -11.0683, -43.3685
Hunter-Lab	40.0256, -26.0317, 14.6111

Details

The YUV color **96.4510, -11.0683, -43.3685** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76.5490, 11.0683, 43.3685**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2940, -12.9629, -42.3538**, and **47.9180, -9.3266, -42.0241** is the 20% darker color. If you saturate the color by 10%, you get **91.6520, -12.6464, -50.5608**, and if you desaturate by 10%, it is **101.2500, -9.4902, -36.1762**.

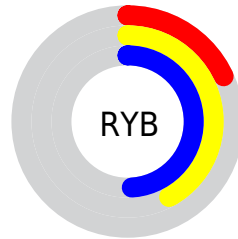
Distribution



Red (18%)

Green (49%)

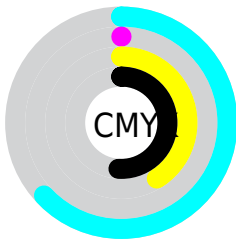
Blue (29%)



Red (18%)

Yellow (42%)

Blue (49%)

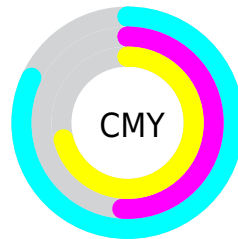


Cyan (63%)

Magenta (0%)

Yellow (41%)

Black (51%)



Cyan (82%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4510, -11.0683, -43.3685 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 96.4510, -11.0683, -43.3685 by changing the saturation by 10% instead.

■ 96.4510, -11.0683,
-43.3685

■ 96.4510, -11.0683,
-43.3685

■ 255.0000, 0.0000,
0.0000

■ 68.9880, -8.8681,
-49.1015

■ 149.2940,
-12.9629, -42.3538

■ 47.9180, -9.3266,
-42.0241

■ 176.7670,
-13.6891, -42.7687

■ 31.2080, -12.4275,
-27.3694

■ 205.2400,
-14.4153, -43.1835

■ 18.7840, -9.2605,
-16.4736

■ 227.9570,
-11.8108, -38.5503

■ 0.0000, 0.0000,
0.0000

■ 239.5210, -3.7079,
-24.1359

■ 250.8140, 2.0637,

-8.6069

■ 96.4510, -11.0683,
-43.3685

■ 96.4510, -11.0683,
-43.3685

■ 91.6520, -12.6464,
-50.5608

■ 101.2500, -9.4902,
-36.1762

■ 87.0380, -14.8087,
-57.0383

■ 105.8640, -7.3280,
-29.6987

■ 82.2390, -16.3868,
-64.2306

■ 110.6630, -5.7499,
-22.5065

■ 78.8640, -17.6810,
-69.1637

■ 115.1630, -4.0244,
-15.9290

■ 119.9620, -2.4463,
-8.7367

■ 124.8750, -0.4314,
-1.6444

■ 129.3750, 1.2941,
4.9331

■ 134.1740, 2.8722,
12.1254

■ 138.7880, 5.0345,
18.6029

Harmonies

Analogous

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



104.3880, -28.7853, -7.3563



96.4510, -11.0683, -43.3685



88.2630, 10.7163, -77.4067

Triad

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



96.4510, -11.0683, -43.3685



97.2230, 41.7951, -58.9546



110.5250, -16.0348, 56.5446

Complementary

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



96.4510, -11.0683, -43.3685



76.5490, 11.0683, 43.3685

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.



112.1670, 0.4107, 55.1045



96.4510, -11.0683, -43.3685



113.0840, 29.5386, -0.9507

Square

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



96.4510, -11.0683, -43.3685



92.3960, 39.2448, -81.0313



114.8730, 16.3316, 35.1914



109.5930, -29.3793, 43.3299

Rectangle

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



96.4510, -11.0683, -43.3685



90.9990, 21.1995, -79.8061



114.8730, 16.3316, 35.1914



110.6160, -10.6567, 58.2188

Sweetspot

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



96.4510, -11.0683, -43.3685



151.4510, -4.1663, -17.0585



109.2200, -30.6745, -8.0859



74.8370, -2.8776, -10.3810



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.4510, -11.0683, -43.3685



117.4020, -16.9602, -67.0046



100.8970, 5.9668, -47.2677



61.4510, -0.7153, -3.9035



80.1520, -17.8229, -70.2933



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.5490, 11.0683, 43.3685



86.5980, 16.9602, 67.0046



72.1030, -5.9668, 47.2677



59.6630, 1.1521, 3.8035



47.8480, 17.8229, 70.2933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.4510, -11.0683, -43.3685 looks on a white 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

Black Background



This preview shows how the YUV color 96.4510, -11.0683, -43.3685 looks on a black 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

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

YUV 96.4510, -11.0683, -43.3685

Background



This preview shows how black text looks on a background with the YUV color 96.4510, -11.0683, -43.3685.



This preview shows how white text looks on a background with the YUV color 96.4510, -11.0683, -43.3685.

-43.3685.

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

96.4510, -11.0683, -43.3685

Protanopia

109.0880, -20.2564, 10.4468

Deuteranopia

110.6960, -15.6261, 18.6836



Tritanopia

104.2820, 12.1860, -35.3273

Trichromacy



Original Color

96.4510, -11.0683, -43.3685

Protanomaly

104.1780, -16.8498, -8.9261

Deuteranomaly

105.3080, -13.9558, -3.7781

Tritanomaly

101.3820, 3.7557, -38.0460

Monochromacy



Original Color

96.4510, -11.0683, -43.3685

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1630, -4.0244, -15.9290

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4510, -11.0683, -43.3685 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(47, 126, 74)` looks like.

```
.text, #text, p{  
    color:rgb(47, 126, 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(47, 126, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 126, 74) }
```

Border

The CSS property to change the border of an element to YUV 96.4510, -11.0683, -43.3685 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(47, 126, 74) }
```


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

```
.border{ border-color:rgb(47, 126, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 126, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 126, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 126, 74);  
box-shadow:4px 4px 4px 4px rgb(47, 126,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 96.4510, -11.0683, -43.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 126, 74) }
```

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

```
.background{ background-color: rgb(47, 126,  
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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