

Converting Colors

YUV(129.4510, -24.3793,
-20.5665)

Have a look what the booklet for
YUV(129.4510, -24.3793, -20.5665)
contains.

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Color

**YUV(129.4510, -24.3793,
-20.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9750
RGB	106, 151, 80
RGB Percent	42%, 59%, 31%
CMY	0.5843, 0.4078, 0.6863
CMYK	0.30, 0.00, 0.47, 0.41
HSL	98°, 31%, 45%
HSV	98°, 47%, 59%
XYZ	18.4584, 25.7766, 11.5919
YIQ	129.4510, -4.0290, -31.6210

Conversions

Conversions Part 2

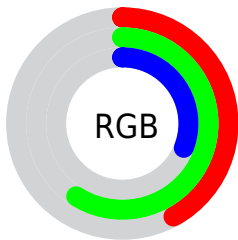
Format	Color
RYB	80, 151, 125
Decimal	6985552
CIELab	57.82, -28.66, 32.49
CIElCh	58, 43.327, 131.412
Yxy	25.7766, 0.3306, 0.4617
Android (android.graphics.Color)	4285175632 (0xFF6A9750)
YUV	129.4510, -24.3793, -20.5665
Hunter-Lab	50.7706, -23.9522, 22.0024

Details

The YUV color $129.4510, -24.3793, -20.5665$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $101.5490, 24.3793, 20.5665$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.3970, -25.8317, -21.3962$, and $78.7930, -23.0689, -20.8665$ is the 20% darker color. If you saturate the color by 10%, you get $124.7510, -29.4572, -25.2146$, and if you desaturate by 10%, it is $134.1510, -19.3014, -15.9184$.

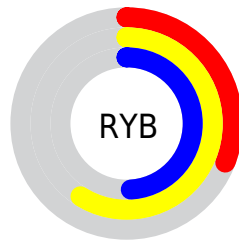
Distribution



Red (42%)

Green (59%)

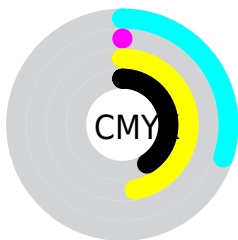
Blue (31%)



Red (31%)

Yellow (59%)

Blue (49%)

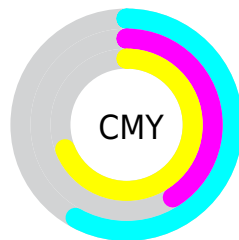


Cyan (30%)

Magenta (0%)

Yellow (47%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4510, -24.3793, -20.5665 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 129.4510, -24.3793, -20.5665 by changing the saturation by 10% instead.

■ 129.4510,
-24.3793, -20.5665

■ 129.4510,
-24.3793, -20.5665

■ 255.0000, 0.0000,
0.0000

■ 103.6790,
-23.5057, -20.7665

■ 183.3970,
-25.8317, -21.3962

■ 78.7930, -23.0689,
-20.8665

■ 211.1690,
-26.7053, -21.1962

■ 53.7930, -23.0689,
-20.8665

■ 234.9460,
-25.1164, -17.4926

■ 32.0190, -15.7854,
-23.6957

■ 246.8090,
-17.1608, -2.4635

■ 19.3710, -9.5499,
-16.9884

■ 253.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 129.4510,
-24.3793, -20.5665

■ 129.4510,
-24.3793, -20.5665

■ 124.7510,
-29.4572, -25.2146

■ 134.1510,
-19.3014, -15.9184

■ 120.3500,
-34.6826, -29.2480

■ 138.5520,
-14.0761, -11.8851

■ 115.6500,
-39.7604, -33.8960

■ 143.2520, -8.9982,
-7.2370

■ 111.2490,
-44.9858, -37.9294

■ 147.6530, -3.7729,
-3.2037

■ 106.5490,
-50.0637, -42.5775

■ 152.4670, 1.7418,
1.3444

■ 105.0820,
-51.8054, -43.9219

■ 156.8680, 6.9671,
5.3778

■ 161.5680, 12.0450,
10.0259

■ 166.2680, 17.1229,

14.6740

■ 170.6690, 22.3482,
18.7073

Harmonies

Analogous

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



133.7880, -35.3915, 11.5869



129.4510, -24.3793, -20.5665



119.3930, -3.1517, -62.6117

Triad

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



129.4510, -24.3793, -20.5665



111.4030, 48.6083, -97.7004



139.9630, -6.8838, 61.4224

Complementary

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



129.4510, -24.3793, -20.5665



101.5490, 24.3793, 20.5665

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.



142.7560, 10.4733, 47.5720



129.4510, -24.3793, -20.5665



135.7860, 38.0665, -29.6303

Square

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



129.4510, -24.3793, -20.5665



113.0040, 36.9730, -99.1045



142.6840, 26.2848, 16.0631



138.8750, -23.6024, 57.1146

Rectangle

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



129.4510, -24.3793, -20.5665



108.7060, 15.4279, -95.3352



142.6840, 26.2848, 16.0631



140.8470, -0.9106, 58.8932

Sweetspot

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



129.4510, -24.3793, -20.5665



187.8390, -9.2876, -7.7518



127.6440, -23.4885, 20.4832



94.1860, -5.5147, -4.5481



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



129.4510, -24.3793, -20.5665



162.8290, -37.8767, -31.4220



122.7030, -16.6156, -37.4505



74.5930, -2.7573, -2.2741



97.4290, -48.0325, -40.7182



9.1260, -4.4991, -3.6185

Inverse Universe

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



101.5490, 24.3793, 20.5665



119.4700, 37.7293, 32.0368



108.2970, 16.6156, 37.4505



71.4070, 2.7573, 2.2741



42.5710, 48.0325, 40.7182



3.8740, 4.4991, 3.6185

Previews

White Background



This preview shows how the YUV color 129.4510, -24.3793, -20.5665 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 129.4510, -24.3793, -20.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

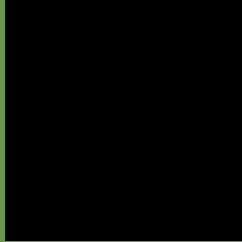
Any Text WCAG AA ✓ Pass

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 129.4510, -24.3793, -20.5665 Background



This preview shows how black text looks on a background with the YUV color 129.4510, -24.3793, -20.5665.



This preview shows how white text looks on a background with the YUV color 129.4510, -24.3793, -20.5665.

-20.5665.

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

129.4510, -24.3793, -20.5665

Protanopia

135.7050, -29.4346, 14.2907

Deuteranopia

137.4060, -25.8362, 26.8309



Tritanopia

136.7790, 8.4900, -16.4692

Trichromacy



Original Color

129.4510, -24.3793, -20.5665

Protanomaly

133.0840, -27.6494, 1.6803

Deuteranomaly

134.4100, -25.3451, 9.2874

Tritanomaly

134.2660, -3.5821, -17.7733

Monochromacy



Original Color

129.4510, -24.3793, -20.5665

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2520, -8.9982, -7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4510, -24.3793, -20.5665 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(106, 151, 80)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 80)  
}
```

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(106, 151, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 80) }
```

Border

The CSS property to change the border of an element to YUV 129.4510, -24.3793, -20.5665 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(106, 151, 80) }
```


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

```
.border{ border-color:rgb(106, 151, 80) }
```

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

Here you see how a box with a 4 pixel rgb(106, 151, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 80);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 129.4510, -24.3793, -20.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 80) }
```

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

```
.background{ background-color: rgb(106,  
151, 80) }
```

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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