

Converting Colors

YUV(126.4510, 25.9067,
-49.5075)

Have a look what the booklet for
YUV(126.4510, 25.9067, -49.5075)
contains.

YUV(126.4510, 25.9067, -49.5075)	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(126.4510, 25.9067,
-49.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	4691B3
RGB	70, 145, 179
RGB Percent	27%, 57%, 70%
CMY	0.7255, 0.4314, 0.2980
CMYK	0.61, 0.19, 0.00, 0.30
HSL	199°, 44%, 49%
HSV	199°, 61%, 70%
XYZ	20.7879, 24.8076, 46.3405
YIQ	126.4510, -55.6140, -5.3260

Conversions

Conversions Part 2

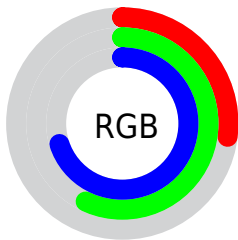
Format	Color
R_{YB}	70, 114, 179
Decimal	4624819
CIE _{Lab}	56.89, -12.92, -24.77
CIE _{LCh}	57, 27.939, 242.456
Yxy	24.8076, 0.2261, 0.2698
Android (android.graphics.Color)	4282814899 (0xFF4691B3)
YUV	126.4510, 25.9067, -49.5075
Hunter-Lab	49.8072, -12.6626, -20.2983

Details

The YUV color **126.4510, 25.9067, -49.5075** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **122.5490, -25.9067, 49.5075**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8750, 26.1906, -47.2484**, and **70.1290, 27.5444, -61.5031** is the 20% darker color. If you saturate the color by 10%, you get **117.5470, 30.2963, -57.4847**, and if you desaturate by 10%, it is **135.3550, 21.5170, -41.5303**.

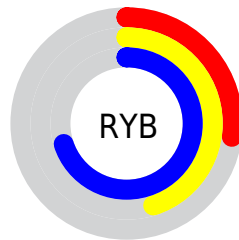
Distribution



Red (27%)

Green (57%)

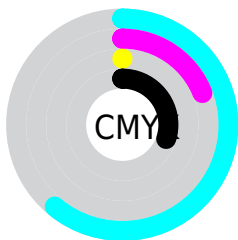
Blue (70%)



Red (27%)

Yellow (45%)

Blue (70%)

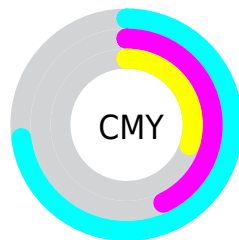


Cyan (61%)

Magenta (19%)

Yellow (0%)

Black (30%)



Cyan (73%)

Magenta (43%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4510, 25.9067, -49.5075 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 126.4510, 25.9067, -49.5075 by changing the saturation by 10% instead.

■ 126.4510, 25.9067,
-49.5075

■ 126.4510, 25.9067,
-49.5075

■ 255.0000, 0.0000,
0.0000

■ 98.2440, 26.5017,
-53.7110

■ 181.8750, 26.1906,
-47.2484

■ 70.1290, 27.5444,
-61.5031

■ 208.9630, 22.6962,
-46.4486

■ 53.1910, 23.5698,
-46.6485

■ 234.0700, 10.3185,
-43.0344

■ 36.9540, 19.7427,
-32.4087

■ 242.7410, 6.0437,
-25.2059

■ 22.5920, 15.4841,
-19.8132

■ 251.7110, 1.6215,
-6.7625

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 126.4510, 25.9067,
-49.5075

■ 126.4510, 25.9067,
-49.5075

■ 117.5470, 30.2963,
-57.4847

■ 135.3550, 21.5170,
-41.5303

■ 109.2300, 34.3966,
-65.9767

■ 143.6720, 17.4167,
-33.0383

■ 100.3260, 38.7863,
-73.9539

■ 152.5760, 13.0270,
-25.0612

■ 92.6070, 42.5917,
-81.2163

■ 160.8930, 8.9268,
-16.5692

■ 169.7970, 4.5371,
-8.5920

■ 178.4020, 0.2948,
-1.2296

■ 186.7190, -3.8055,
7.2624

■ 195.6230, -8.1951,
15.2396

■ 203.9400,
-12.2954, 23.7316

Harmonies

Analogous

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



121.4790, 19.9769, -60.9331



126.4510, 25.9067, -49.5075



134.0890, 25.0991, -23.7571

Triad

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



126.4510, 25.9067, -49.5075



139.3730, -2.1559, 38.2609



132.1460, -18.3130, -6.2670

Complementary

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



126.4510, 25.9067, -49.5075



122.5490, -25.9067, 49.5075

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.



135.0130, -23.1774, 14.0206



126.4510, 25.9067, -49.5075



137.9250, -12.7810, 39.5308

Square

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



126.4510, 25.9067, -49.5075



140.2710, 9.2334, 25.1953



136.6930, -21.0476, 30.9642



128.7610, -7.7702, -27.8544

Rectangle

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



126.4510, 25.9067, -49.5075



137.2870, 21.5505, -5.5137



136.6930, -21.0476, 30.9642



133.2070, -20.8081, 0.6955

Sweetspot

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



126.4510, 25.9067, -49.5075



211.8110, 9.9532, -19.1282



137.7450, -17.1293, -59.4124



104.5300, 6.1477, -11.8658



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



126.4510, 25.9067, -49.5075



150.3580, 40.2495, -76.6130



95.3400, 41.2444, -22.2232



84.5480, 2.1948, -3.9886



79.0770, 36.4440, -69.3505



13.5300, 6.1477, -11.8658

Inverse Universe

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



111.1410, 16.6925, 59.5123



126.7550, 25.7568, 92.2999



153.6600, -41.2444, 22.2232



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 126.4510, 25.9067, -49.5075 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 126.4510, 25.9067, -49.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

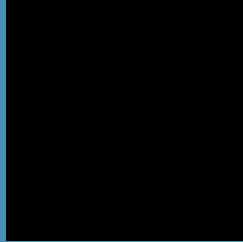
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.4510, 25.9067, -49.5075

Background



This preview shows how black text looks on a background with the YUV color 126.4510, 25.9067, -49.5075.

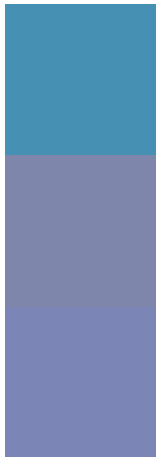


This preview shows how white text looks on a background with the YUV color 126.4510, 25.9067, -49.5075.

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

126.4510, 25.9067, -49.5075

Protanopia

136.1250, 17.1934, -8.0026

Deuteranopia

136.4820, 22.4404, -10.9467



Tritanopia

123.3550, 18.0660, -54.6853

Trichromacy



Original Color

126.4510, 25.9067, -49.5075

Protanomaly

132.5360, 20.4418, -23.2721

Deuteranomaly

132.7360, 23.7942, -25.2015

Tritanomaly

124.4630, 20.9707, -53.0261

Monochromacy



Original Color

126.4510, 25.9067, -49.5075

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4510, 25.9067, -49.5075 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, 145, 179)` looks like.

```
.text, #text, p{  
    color:rgb(70, 145, 179)  
}
```

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, 145, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 145, 179) }
```

Border

The CSS property to change the border of an element to YUV 126.4510, 25.9067, -49.5075 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, 145, 179) }
```


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

```
.border{ border-color:rgb(70, 145, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 145, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 145, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 145, 179);  
box-shadow:4px 4px 4px 4px rgb(70, 145,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 126.4510, 25.9067, -49.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 145, 179) }
```

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

```
.background{ background-color: rgb(70, 145,  
179) }
```

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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