

Converting Colors

YUV(127.0490, 25.6118,
-48.2780)

Have a look what the booklet for
YUV(127.0490, 25.6118, -48.2780)
contains.

YUV(127.0490, 25.6118, -48.2780)	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(127.0490, 25.6118,
-48.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	4891B3
RGB	72, 145, 179
RGB Percent	28%, 57%, 70%
CMY	0.7176, 0.4314, 0.2980
CMYK	0.60, 0.19, 0.00, 0.30
HSL	199°, 43%, 49%
HSV	199°, 60%, 70%
XYZ	20.9346, 24.8832, 46.3474
YIQ	127.0490, -54.4220, -4.9020

Conversions

Conversions Part 2

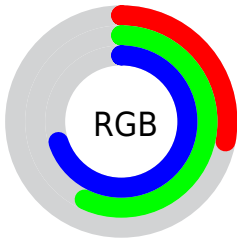
Format	Color
RYB	72, 115, 179
Decimal	4755891
CIELab	56.96, -12.53, -24.65
CIElCh	57, 27.654, 243.053
Yxy	24.8832, 0.2271, 0.2700
Android (android.graphics.Color)	4282945971 (0xFF4891B3)
YUV	127.0490, 25.6118, -48.2780
Hunter-Lab	49.8831, -12.3837, -20.1694

Details

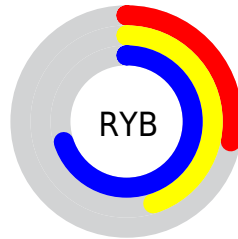
The YUV color **127.0490, 25.6118, -48.2780** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **123.9510, -25.6118, 48.2780**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1740, 26.0432, -46.6336**, and **70.1290, 27.5444, -61.5031** is the 20% darker color. If you saturate the color by 10%, you get **118.1450, 30.0015, -56.2552**, and if you desaturate by 10%, it is **135.9530, 21.2222, -40.3008**.

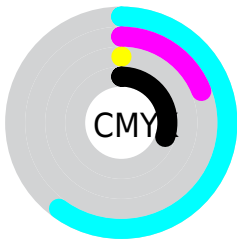
Distribution



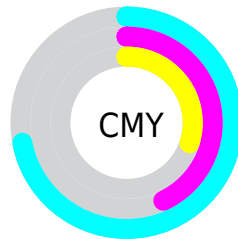
- Red (28%)
- Green (57%)
- Blue (70%)



- Red (28%)
- Yellow (45%)
- Blue (70%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (72%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0490, 25.6118, -48.2780 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 127.0490, 25.6118, -48.2780 by changing the saturation by 10% instead.

■ 127.0490, 25.6118,
-48.2780

■ 127.0490, 25.6118,
-48.2780

■ 255.0000, 0.0000,
0.0000

■ 99.1410, 26.0595,
-51.8667

■ 182.1740, 26.0432,
-46.6336

■ 70.1290, 27.5444,
-61.5031

■ 209.5610, 22.4014,
-45.2190

■ 53.1910, 23.5698,
-46.6485

■ 234.3690, 10.1711,
-42.4196

■ 36.9540, 19.7427,
-32.4087

■ 243.3390, 5.7489,
-23.9763

■ 22.5920, 15.4841,
-19.8132

■ 252.0100, 1.4741,
-6.1478

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 127.0490, 25.6118,
-48.2780

■ 127.0490, 25.6118,
-48.2780

■ 118.1450, 30.0015,
-56.2552

■ 135.9530, 21.2222,
-40.3008

■ 109.8280, 34.1018,
-64.7472

■ 144.2700, 17.1219,
-31.8088

■ 100.9240, 38.4915,
-72.7243

■ 153.1740, 12.7322,
-23.8316

■ 92.0200, 42.8811,
-80.7015

■ 162.0780, 8.3425,
-15.8544

■ 170.3950, 4.2423,
-7.3624

■ 179.0000, 0.0000,
0.0000

■ 187.9040, -4.3897,
7.9772

■ 196.8080, -8.7793,
15.9544

■ 205.1250,
-12.8796, 24.4464

Harmonies

Analogous

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



122.0770, 19.6820, -59.7035



127.0490, 25.6118, -48.2780



134.2740, 24.5149, -23.0423

Triad

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



127.0490, 25.6118, -48.2780



139.3730, -2.1559, 38.2609



132.2600, -17.8762, -6.3670

Complementary

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



127.0490, 25.6118, -48.2780



123.9510, -25.6118, 48.2780

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



127.0490, 25.6118, -48.2780



138.5120, -13.0704, 39.0160

Square

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



127.0490, 25.6118, -48.2780



140.2710, 9.2334, 25.1953



136.9810, -21.1896, 29.8347



128.8750, -7.3334, -27.9544

Rectangle

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



127.0490, 25.6118, -48.2780



138.1730, 21.1137, -5.4137



136.9810, -21.1896, 29.8347



133.3210, -20.3713, 0.5955

Sweetspot

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



127.0490, 25.6118, -48.2780



211.8110, 9.9532, -19.1282



138.6850, -16.1137, -58.4827



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.



127.0490, 25.6118, -48.2780



150.9560, 39.9547, -75.3834



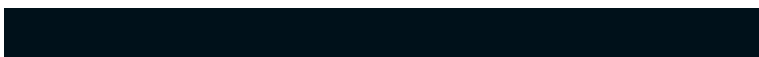
95.9380, 40.9496, -20.9936



84.5480, 2.1948, -3.9886



78.4900, 36.7334, -68.8357



12.9430, 6.4371, -11.3510

Inverse Universe

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



112.3150, 16.1137, 58.4827



127.9290, 25.1780, 91.2703



155.0620, -40.9496, 20.9936



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 127.0490, 25.6118, -48.2780 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 127.0490, 25.6118, -48.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

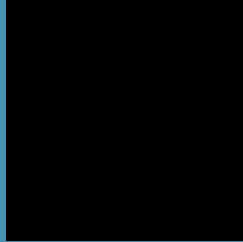
Any Text WCAG AA ✓ Pass

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 127.0490, 25.6118, -48.2780 Background



This preview shows how black text looks on a background with the YUV color 127.0490, 25.6118, -48.2780.

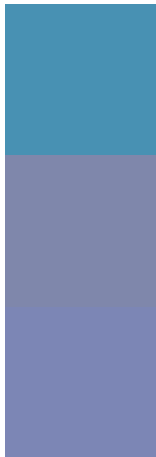


This preview shows how white text looks on a background with the YUV color 127.0490, 25.6118, -48.2780.

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

127.0490, 25.6118, -48.2780

Protanopia

136.7120, 16.9040, -8.5174

Deuteranopia

136.3680, 22.0036, -10.8467



Tritanopia

124.2520, 17.6238, -52.8410

Trichromacy



Original Color

127.0490, 25.6118, -48.2780

Protanomaly

133.4220, 20.0050, -23.1721

Deuteranomaly

132.9210, 23.2099, -24.4867

Tritanomaly

125.3600, 20.5285, -51.1817

Monochromacy



Original Color

127.0490, 25.6118, -48.2780

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0490, 25.6118, -48.2780 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(72, 145, 179)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 145, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 145, 179) }
```

Border

The CSS property to change the border of an element to YUV 127.0490, 25.6118, -48.2780 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(72, 145, 179) }
```


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

```
.border{ border-color:rgb(72, 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(72, 145, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 145, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 145, 179);  
box-shadow:4px 4px 4px 4px rgb(72, 145,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 127.0490, 25.6118, -48.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 145, 179) }
```

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

```
.background{ background-color: rgb(72, 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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