

Converting Colors

YUV(76.4490, 2.2436, -19.6878)

Have a look what the booklet for
YUV(76.4490, 2.2436, -19.6878)
contains.

YUV(76.4490, 2.2436, -19.6878)	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(76.4490, 2.2436,
-19.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	365751
RGB	54, 87, 81
RGB Percent	21%, 34%, 32%
CMY	0.7882, 0.6588, 0.6824
CMYK	0.38, 0.00, 0.07, 0.66
HSL	169°, 23%, 28%
HSV	169°, 38%, 34%
XYZ	6.4147, 8.1947, 9.0282
YIQ	76.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

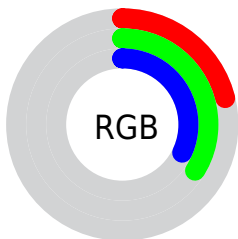
Format	Color
RYB	54, 72, 87
Decimal	3561297
CIELab	34.39, -13.61, -0.34
CIELCh	34, 13.611, 181.437
Yxy	8.1947, 0.2714, 0.3467
Android (android.graphics.Color)	4281751377 (0xFF365751)
YUV	76.4490, 2.2436, -19.6878
Hunter-Lab	28.6265, -10.0974, 1.3396

Details

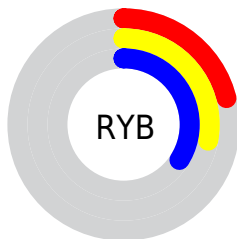
The YUV color **76.4490, 2.2436, -19.6878** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.5510, -2.2436, 19.6878**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7370, 2.1017, -20.8173**, and **30.3780, 3.2646, -20.5025** is the 20% darker color. If you saturate the color by 10%, you get **73.5300, 2.6967, -25.0208**, and if you desaturate by 10%, it is **79.3680, 1.7906, -14.3547**.

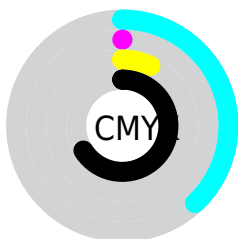
Distribution



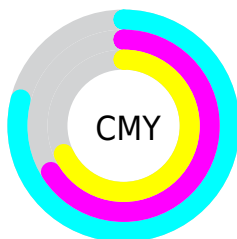
- Red (21%)
- Green (34%)
- Blue (32%)



- Red (21%)
- Yellow (28%)
- Blue (34%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (66%)



- Cyan (79%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4490, 2.2436, -19.6878 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 76.4490, 2.2436, -19.6878 by changing the saturation by 10% instead.

■ 76.4490, 2.2436,
-19.6878

■ 76.4490, 2.2436,
-19.6878

■ 255.0000, 0.0000,
0.0000

■ 53.4490, 2.2436,
-19.6878

■ 125.7370, 2.1017,
-20.8173

■ 30.3780, 3.2646,
-20.5025

■ 151.7370, 2.1017,
-20.8173

■ 14.6240, 0.1854,
-12.8252

■ 178.4380, 2.2491,
-21.4321

■ 0.0000, 0.0000,
0.0000

■ 206.1390, 2.3965,
-22.0469

■ 234.7260, 2.1071,
-22.5617

■ 249.9170, 2.5059,

-10.4512

■ 76.4490, 2.2436,
-19.6878

■ 76.4490, 2.2436,
-19.6878

■ 73.5300, 2.6967,
-25.0208

■ 79.3680, 1.7906,
-14.3547

■ 71.0240, 3.4392,
-29.8390

■ 81.8740, 1.0481,
-9.5365

■ 68.1050, 3.8922,
-35.1721

■ 84.7930, 0.5951,
-4.2035

■ 65.3000, 4.7821,
-40.6051

■ 87.5980, -0.2948,
1.2296

■ 62.3810, 5.2352,
-45.9381

■ 90.5170, -0.7479,
6.5626

■ 59.8750, 5.9776,
-50.7564

■ 93.0230, -1.4903,
11.3808

■ 59.1630, 5.8356,
-51.8860

■ 95.9420, -1.9434,
16.7139

■ 98.8610, -2.3965,
22.0469

■ 101.3670, -3.1389,
26.8651

Harmonies

Analogous

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



77.5980, -3.7458, -11.9254



76.4490, 2.2436, -19.6878



76.5070, 7.6380, -23.2466

Triad

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



76.4490, 2.2436, -19.6878



81.8890, 8.4357, 0.9743



81.5690, -9.6475, 14.4100

Complementary

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



76.4490, 2.2436, -19.6878



64.5510, -2.2436, 19.6878

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.



82.2150, -6.0220, 18.2284



76.4490, 2.2436, -19.6878



82.8040, 4.0406, 10.6959

Square

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



76.4490, 2.2436, -19.6878



80.3930, 10.6523, -9.9917



82.5830, -0.7804, 17.0287



79.9980, -10.3520, 7.0178

Rectangle

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



76.4490, 2.2436, -19.6878



77.3870, 9.6692, -21.3874



82.5830, -0.7804, 17.0287



81.8080, -8.7793, 15.9544

Sweetspot

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



76.4490, 2.2436, -19.6878



108.1840, 0.8953, -7.1774



75.1650, -10.4343, -13.2997



53.7930, 0.5951, -4.2035



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



76.4490, 2.2436, -19.6878



95.7250, 3.5866, -30.4538



71.2630, 7.7583, -15.1397



41.8040, 0.5896, -2.4591



72.8410, 7.4734, -63.8816



159.8330, 15.8583, -140.1735

Inverse Universe

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



64.5510, -2.2436, 19.6878



77.2750, -3.5866, 30.4538



69.7370, -7.7583, 15.1397



40.3100, -0.1528, 2.3591



34.1590, -7.4734, 63.8816



75.1670, -15.8583, 140.1735

Previews

White Background



This preview shows how the YUV color 76.4490, 2.2436, -19.6878 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.4490, 2.2436, -19.6878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

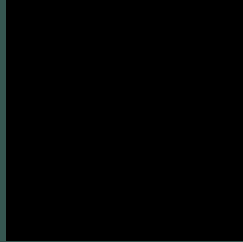
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4490, 2.2436, -19.6878

Background



This preview shows how black text looks on a background with the YUV color 76.4490, 2.2436, -19.6878.



This preview shows how white text looks on a background with the YUV color 76.4490, 2.2436, -19.6878.

-19.6878.

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

76.4490, 2.2436, -19.6878

Protanopia

80.5550, -1.7526, 2.1443

Deuteranopia

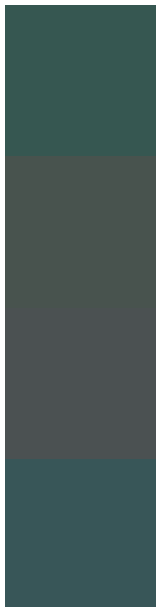
81.2610, 0.8573, 5.0331



Tritanopia

77.4260, 7.1850, -17.9136

Trichromacy



Original Color

76.4490, 2.2436, -19.6878

Protanomaly

79.1410, -0.5625, -6.2627

Deuteranomaly

79.3200, 1.3212, -3.7886

Tritanomaly

77.2580, 5.2958, -18.6433

Monochromacy



Original Color

76.4490, 2.2436, -19.6878

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4490, 2.2436, -19.6878 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(54, 87, 81)` looks like.

```
.text, #text, p{  
    color:rgb(54, 87, 81)  
}
```

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(54, 87, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 87, 81) }
```

Border

The CSS property to change the border of an element to YUV 76.4490, 2.2436, -19.6878 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(54, 87, 81) }
```


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

```
.border{ border-color:rgb(54, 87, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 87, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 87, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 87, 81);  
box-shadow:4px 4px 4px 4px rgb(54, 87, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4490, 2.2436, -19.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 87, 81) }
```

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

```
.background{ background-color: rgb(54, 87,  
81) }
```

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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