

Converting Colors

YUV(99.5980, -10.6478,
-38.2354)

Have a look what the booklet for
YUV(99.5980, -10.6478, -38.2354)
contains.

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Color

**YUV(99.5980, -10.6478,
-38.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	387E4E
RGB	56, 126, 78
RGB Percent	22%, 49%, 31%
CMY	0.7804, 0.5059, 0.6941
CMYK	0.56, 0.00, 0.38, 0.51
HSL	139°, 38%, 36%
HSV	139°, 56%, 49%
XYZ	10.4669, 16.3125, 9.8047
YIQ	99.5980, -26.3120, -29.7680

Conversions

Conversions Part 2

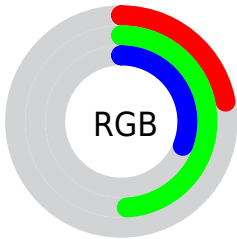
Format	Color
RYB	56, 109, 126
Decimal	3702350
CIELab	47.38, -33.54, 19.64
CIELCh	47, 38.862, 149.652
Yxy	16.3125, 0.2861, 0.4459
Android (android.graphics.Color)	4281892430 (0xFF387E4E)
YUV	99.5980, -10.6478, -38.2354
Hunter-Lab	40.3888, -24.4214, 13.8790




Details

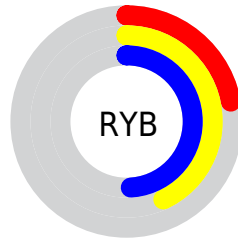
The YUV color **99.5980, -10.6478, -38.2354** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **82.4020, 10.6478, 38.2354**, and the grayscale version is **100.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **152.1420, -12.3950, -37.8355**, and **48.3740, -7.5794, -42.4240** is the 20% darker color. If you saturate the color by 10%, you get **94.6850, -12.6627, -45.3277**, and if you desaturate by 10%, it is **104.5110, -8.6329, -31.1431**.

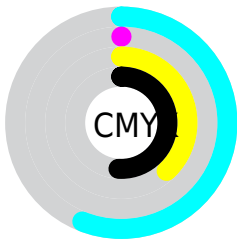
Distribution







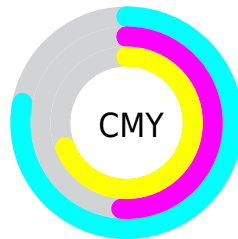
-  Red (22%)
-  Green (49%)
-  Blue (31%)






-  Red (22%)
-  Yellow (43%)
-  Blue (49%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (38%)
-  Black (51%)



-  Cyan (78%)
-  Magenta (51%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5980, -10.6478, -38.2354 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 99.5980, -10.6478, -38.2354 by changing the saturation by 10% instead.

■ 99.5980, -10.6478,
-38.2354

■ 99.5980, -10.6478,
-38.2354

■ 255.0000, 0.0000,
0.0000

■ 73.9290, -9.3320,
-40.2797

■ 152.1420,
-12.3950, -37.8355

■ 48.3740, -7.5794,
-42.4240

■ 179.4300,
-12.5370, -38.9651

■ 32.3650, -10.5329,
-28.3841

■ 207.9030,
-13.2632, -39.3799

■ 19.3710, -9.5499,
-16.9884

■ 230.5060,
-11.0955, -34.6468

■ 0.0000, 0.0000,
0.0000

■ 242.0700, -2.9925,
-20.2324

■ 252.9070, 1.0318,

-4.3034

■ 99.5980, -10.6478,
-38.2354

■ 99.5980, -10.6478,
-38.2354

■ 94.6850, -12.6627,
-45.3277

■ 104.5110, -8.6329,
-31.1431

■ 90.1850, -14.3882,
-51.9052

■ 109.0110, -6.9074,
-24.5656

■ 85.2720, -16.4031,
-58.9975

■ 113.9240, -4.8925,
-17.4733

■ 80.6580, -18.5654,
-65.4751

■ 118.5380, -2.7302,
-10.9958

■ 78.5220, -18.9913,
-68.8638

■ 123.3370, -1.1521,
-3.8035

■ 128.2500, 0.8628,
3.2888

■ 132.7500, 2.5882,
9.8663

■ 137.6630, 4.6031,
16.9585

■ 142.2770, 6.7654,
23.4361

Harmonies

Analogous

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



106.0830, -26.1699, -6.2118



99.5980, -10.6478, -38.2354



88.3770, 11.1531, -77.5066

Triad

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



99.5980, -10.6478, -38.2354



102.7360, 37.1052, -48.0035



112.4320, -15.0030, 52.2411

Complementary

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



99.5980, -10.6478, -38.2354



82.4020, 10.6478, 38.2354

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.



113.4330, 0.2795, 50.4863



99.5980, -10.6478, -38.2354



114.4000, 26.9178, -0.3508

Square

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



99.5980, -10.6478, -38.2354



91.9400, 37.4976, -80.6314



115.5090, 15.0321, 32.0026



110.8530, -27.0425, 40.4709

Rectangle

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



99.5980, -10.6478, -38.2354



90.8850, 20.7627, -79.7061



115.5090, 15.0321, 32.0026



112.9960, -10.3510, 53.5005

Sweetspot

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



99.5980, -10.6478, -38.2354



152.4620, -4.1718, -15.3142



111.7410, -27.4803, -5.9119



75.5490, -2.7357, -9.2515



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.



99.5980, -10.6478, -38.2354



121.8590, -16.6925, -59.5123



103.4740, 4.2033, -41.6347



61.3370, -1.1521, -3.8035



79.6960, -19.5701, -69.8934



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.4020, 10.6478, 38.2354



95.1410, 16.6925, 59.5123



78.5260, -4.2033, 41.6347



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.5980, -10.6478, -38.2354 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 99.5980, -10.6478, -38.2354 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 99.5980, -10.6478, -38.2354 Background



This preview shows how black text looks on a background with the YUV color 99.5980, -10.6478, -38.2354.



This preview shows how white text looks on a background with the YUV color 99.5980, -10.6478,

-38.2354.

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

99.5980, -10.6478, -38.2354

Protanopia

110.4300, -18.9460, 10.1469

Deuteranopia

111.6250, -14.6051, 17.8689



Tritanopia

106.0760, 11.3015, -31.6387

Trichromacy



Original Color

99.5980, -10.6478, -38.2354

Protanomaly

106.4170, -15.9816, -7.3817

Deuteranomaly

107.2480, -12.9403, -2.8485

Tritanomaly

103.5890, 3.1606, -33.8426

Monochromacy



Original Color

99.5980, -10.6478, -38.2354

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.5870, -3.7404, -13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5980, -10.6478, -38.2354 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(56, 126, 78)` looks like.

```
.text, #text, p{  
    color:rgb(56, 126, 78)  
}
```

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(56, 126, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 126, 78) }
```

Border

The CSS property to change the border of an element to YUV 99.5980, -10.6478, -38.2354 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(56, 126, 78) }
```


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

```
.border{ border-color:rgb(56, 126, 78) }
```

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

Here you see how a box with a 4 pixel rgb(56, 126, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 126, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 126, 78);  
box-shadow:4px 4px 4px 4px rgb(56, 126,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 99.5980, -10.6478, -38.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 126, 78) }
```

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

```
.background{ background-color: rgb(56, 126,  
78) }
```

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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