

Converting Colors

YUV(99.3510, -2.6380, -40.6498)

Have a look what the booklet for
YUV(99.3510, -2.6380, -40.6498)
contains.

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Color

**YUV(99.3510, -2.6380,
-40.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	357C5E
RGB	53, 124, 94
RGB Percent	21%, 49%, 37%
CMY	0.7922, 0.5137, 0.6314
CMYK	0.57, 0.00, 0.24, 0.51
HSL	155°, 40%, 35%
HSV	155°, 57%, 49%
XYZ	10.6962, 15.9803, 13.1104
YIQ	99.3510, -32.6860, -24.3820

Conversions

Conversions Part 2

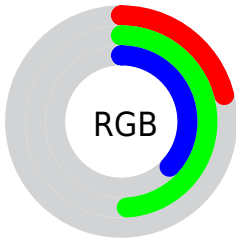
Format	Color
RYB	53, 98, 124
Decimal	3505246
CIELab	46.95, -29.93, 9.77
CIElCh	47, 31.487, 161.920
Yxy	15.9803, 0.2688, 0.4016
Android (android.graphics.Color)	4281695326 (0xFF357C5E)
YUV	99.3510, -2.6380, -40.6498
Hunter-Lab	39.9754, -22.1957, 8.5379




Details

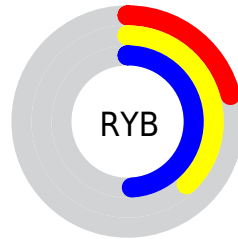
The YUV color **99.3510, -2.6380, -40.6498** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.6490, 2.6380, 40.6498**, and the grayscale version is **99.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **152.0090, -3.9484, -40.3499**, and **48.9100, -0.4486, -42.8941** is the 20% darker color. If you saturate the color by 10%, you get **95.1930, -3.0531, -47.5273**, and if you desaturate by 10%, it is **103.5090, -2.2229, -33.7724**.

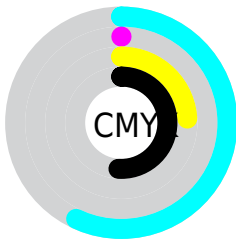
Distribution







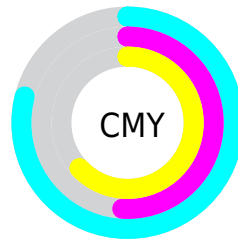
-  Red (21%)
-  Green (49%)
-  Blue (37%)






-  Red (21%)
-  Yellow (38%)
-  Blue (49%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (51%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3510, -2.6380, -40.6498 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 99.3510, -2.6380, -40.6498 by changing the saturation by 10% instead.

■ 99.3510, -2.6380,
-40.6498

■ 99.3510, -2.6380,
-40.6498

■ 255.0000, 0.0000,
0.0000

■ 73.2690, -1.6116,
-43.2089

■ 152.0090, -3.9484,
-40.3499

■ 48.9100, -0.4486,
-42.8941

■ 179.5960, -4.2378,
-40.8647

■ 33.0150, -2.9654,
-28.9542

■ 207.1830, -4.5272,
-41.3795

■ 18.7840, -9.2605,
-16.4736

■ 231.6610, -2.7909,
-38.2907

■ 0.0000, 0.0000,
0.0000

■ 243.3390, 5.7489,
-23.9763

■ 252.0100, 1.4741,

-6.1478

■ 99.3510, -2.6380,
-40.6498

■ 99.3510, -2.6380,
-40.6498

■ 95.1930, -3.0531,
-47.5273

■ 103.5090, -2.2229,
-33.7724

■ 90.7360, -3.3208,
-55.0195

■ 107.9660, -1.9552,
-26.2802

■ 86.4640, -4.1728,
-61.7969

■ 112.2380, -1.1033,
-19.5027

■ 82.0070, -4.4405,
-69.2891

■ 116.6950, -0.8356,
-12.0105

■ 80.9960, -4.4350,
-71.0335

■ 120.8530, -0.4205,
-5.1331

■ 125.0110, -0.0054,
1.7444

■ 129.5820, 0.6991,
9.1366

■ 133.7400, 1.1142,
16.0140

■ 138.1970, 1.3819,
23.5062

Harmonies

Analogous

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



105.1450, -16.8335, -14.1592



99.3510, -2.6380, -40.6498



87.1690, 16.6787, -76.4472

Triad

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



99.3510, -2.6380, -40.6498



109.7630, 26.2458, -18.2092



111.7850, -17.1490, 40.5306

Complementary

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



99.3510, -2.6380, -40.6498



77.6490, 2.6380, 40.6498

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.



112.8960, -5.3717, 43.0642



99.3510, -2.6380, -40.6498



114.1860, 18.1493, 12.1149

Square

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



99.3510, -2.6380, -40.6498



98.0740, 31.0225, -57.0699



114.0440, 6.8803, 33.2874



110.4600, -24.3838, 27.6606

Rectangle

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



99.3510, -2.6380, -40.6498



88.5200, 24.3936, -77.6320



114.0440, 6.8803, 33.2874



112.4200, -13.5181, 42.6047

Sweetspot

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



99.3510, -2.6380, -40.6498



151.2600, -1.1142, -16.0140



103.9460, -25.1164, -17.4926



76.1190, -0.5517, -9.7514



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.



99.3510, -2.6380, -40.6498



122.4530, -4.1673, -63.5413



99.8360, 11.9129, -41.0752



58.9780, 0.0108, -3.4887



81.5830, -4.7244, -71.5483



164.5680, -9.1540, -144.3261

Inverse Universe

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



77.6490, 2.6380, 40.6498



88.5470, 4.1673, 63.5413



77.1640, -11.9129, 41.0752



57.1360, 0.4260, 3.3887



43.4170, 4.7244, 71.5483



87.5460, 9.5908, 144.2262

Previews

White Background



This preview shows how the YUV color 99.3510, -2.6380, -40.6498 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 99.3510, -2.6380, -40.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

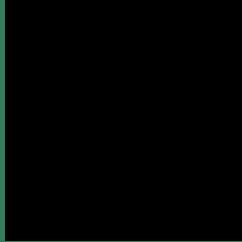
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3510, -2.6380, -40.6498

Background



This preview shows how black text looks on a background with the YUV color 99.3510, -2.6380, -40.6498.



This preview shows how white text looks on a background with the YUV color 99.3510, -2.6380,

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

99.3510, -2.6380, -40.6498

Protanopia

110.4710, -11.0782, 6.6029

Deuteranopia

111.6550, -6.7319, 12.5806



Tritanopia

103.6950, 12.4754, -34.8125

Trichromacy



Original Color

99.3510, -2.6380, -40.6498

Protanomaly

106.4580, -8.1138, -10.9257

Deuteranomaly

106.9900, -4.9251, -7.0072

Tritanomaly

102.1910, 6.8078, -37.0015

Monochromacy



Original Color

99.3510, -2.6380, -40.6498

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9720, -0.9722, -14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3510, -2.6380, -40.6498 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(53, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(53, 124, 94)  
}
```

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(53, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 124, 94) }
```

Border

The CSS property to change the border of an element to YUV 99.3510, -2.6380, -40.6498 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(53, 124, 94) }
```


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

```
.border{ border-color:rgb(53, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(53, 124,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 99.3510, -2.6380, -40.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 124, 94) }
```

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

```
.background{ background-color: rgb(53, 124,  
94) }
```

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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