

Converting Colors

YUV(96.9570, -11.8108,
-38.5503)

Have a look what the booklet for
YUV(96.9570, -11.8108, -38.5503)
contains.

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Color

**YUV(96.9570, -11.8108,
-38.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	357C49
RGB	53, 124, 73
RGB Percent	21%, 49%, 29%
CMY	0.7922, 0.5137, 0.7137
CMYK	0.57, 0.00, 0.41, 0.51
HSL	137°, 40%, 35%
HSV	137°, 57%, 49%
XYZ	9.8784, 15.6532, 8.8041
YIQ	96.9570, -25.9450, -30.9130

Conversions

Conversions Part 2

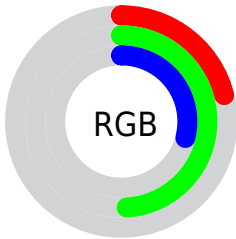
Format	Color
RYB	53, 108, 124
Decimal	3505225
CIELab	46.52, -34.38, 21.30
CIELCh	47, 40.448, 148.220
Yxy	15.6532, 0.2877, 0.4559
Android (android.graphics.Color)	4281695305 (0xFF357C49)
YUV	96.9570, -11.8108, -38.5503
Hunter-Lab	39.5642, -24.6691, 14.5013




Details

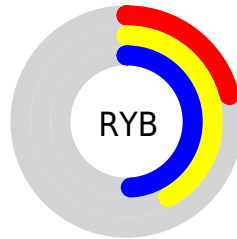
The YUV color **96.9570, -11.8108, -38.5503** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **80.0430, 11.8108, 38.5503**, and the grayscale version is **97.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **149.5010, -13.5580, -38.1504**, and **46.6300, -9.1846, -40.8945** is the 20% darker color. If you saturate the color by 10%, you get **92.3430, -13.9731, -45.0278**, and if you desaturate by 10%, it is **101.5710, -9.6485, -32.0728**.

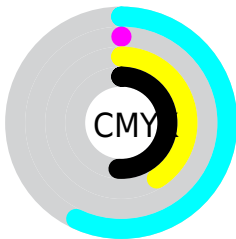
Distribution







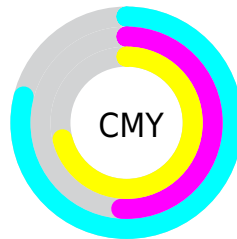
-  Red (21%)
-  Green (49%)
-  Blue (29%)






-  Red (21%)
-  Yellow (42%)
-  Blue (49%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (51%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9570, -11.8108, -38.5503 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 96.9570, -11.8108, -38.5503 by changing the saturation by 10% instead.

■ 96.9570, -11.8108,
-38.5503

■ 96.9570, -11.8108,
-38.5503

■ 255.0000, 0.0000,
0.0000

■ 70.9890, -10.3476,
-41.2094

■ 149.5010,
-13.5580, -38.1504

■ 46.6300, -9.1846,
-40.8945

■ 176.9740,
-14.2842, -38.5652

■ 30.3930, -13.0117,
-26.6547

■ 204.5610,
-14.5736, -39.0800

■ 18.1970, -8.9711,
-15.9588

■ 228.9250,
-13.2740, -35.8912

■ 0.0000, 0.0000,
0.0000

■ 240.6030, -4.7343,
-21.5768

■ 252.0100, 1.4741,

-6.1478

■ 96.9570, -11.8108,
-38.5503

■ 96.9570, -11.8108,
-38.5503

■ 92.3430, -13.9731,
-45.0278

■ 101.5710, -9.6485,
-32.0728

■ 87.4300, -15.9880,
-52.1201

■ 106.4840, -7.6336,
-24.9805

■ 82.8160, -18.1503,
-58.5976

■ 111.0980, -5.4713,
-18.5029

■ 77.9030, -20.1652,
-65.6899

■ 116.0110, -3.4564,
-11.4106

■ 76.7780, -20.5966,
-67.3343

■ 120.6250, -1.2941,
-4.9331

■ 125.1250, 0.4314,
1.6444

■ 130.0380, 2.4463,
8.7367

■ 134.6520, 4.6086,
15.2142

■ 139.5650, 6.6235,
22.3065

Harmonies

Analogous

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



103.6270, -27.9171, -5.8119



96.9570, -11.8108, -38.5503



86.7470, 9.9847, -76.0771

Triad

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



96.9570, -11.8108, -38.5503



97.0660, 39.9005, -57.9399



109.8560, -14.7190, 54.5003

Complementary

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



96.9570, -11.8108, -38.5503



80.0430, 11.8108, 38.5503

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.



111.6720, 1.1477, 52.0307



96.9570, -11.8108, -38.5503



111.5460, 28.8178, -3.1098

Square

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



96.9570, -11.8108, -38.5503



91.2390, 37.3502, -80.0166



113.7370, 15.9057, 31.8027



108.7500, -27.4847, 42.3152

Rectangle

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



96.9570, -11.8108, -38.5503



89.3690, 20.0311, -78.3766



113.7370, 15.9057, 31.8027



110.2350, -9.4829, 55.0449

Sweetspot

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



96.9570, -11.8108, -38.5503



150.3480, -4.6086, -15.2142



110.2250, -28.2119, -4.5823



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.



96.9570, -11.8108, -38.5503



118.6910, -18.5817, -60.2420



100.8330, 3.0403, -41.9495



58.7500, -0.8627, -3.2887



77.3650, -20.8859, -67.8491



156.0180, -41.9139, -136.8278

Inverse Universe

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



80.0430, 11.8108, 38.5503



92.1950, 18.1449, 60.3420



76.1670, -3.0403, 41.9495



57.2500, 0.8628, 3.2887



47.6350, 20.8859, 67.8491



95.9820, 41.9139, 136.8278

Previews

White Background



This preview shows how the YUV color 96.9570, -11.8108, -38.5503 looks on a white background.

Color Contrast Check

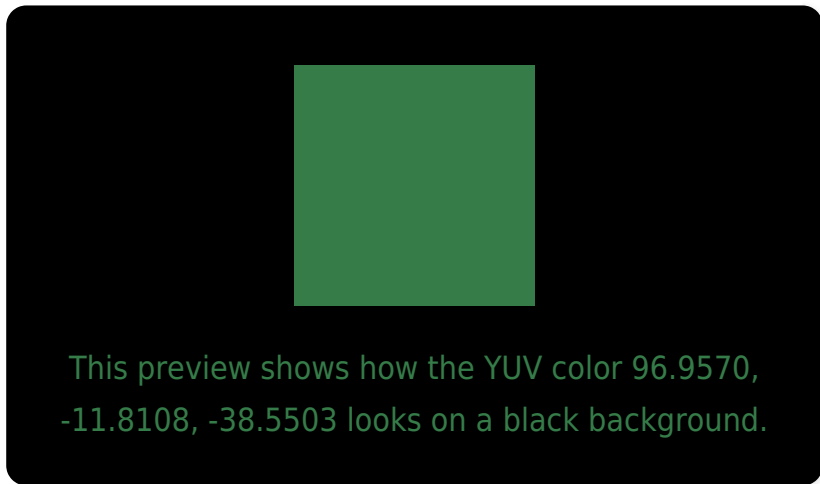
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

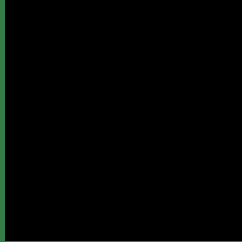
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9570, -11.8108, -38.5503

Background



This preview shows how black text looks on a background with the YUV color 96.9570, -11.8108, -38.5503.



This preview shows how white text looks on a background with the YUV color 96.9570, -11.8108, -38.5503.

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

96.9570, -11.8108, -38.5503

Protanopia

108.0880, -20.2564, 10.4468

Deuteranopia

109.2830, -15.9155, 18.1688



Tritanopia

104.0760, 11.3015, -31.6387

Trichromacy



Original Color

96.9570, -11.8108, -38.5503

Protanomaly

104.0750, -17.2920, -7.0818

Deuteranomaly

104.9060, -14.2507, -2.5486

Tritanomaly

101.4750, 2.7238, -33.7426

Monochromacy



Original Color

96.9570, -11.8108, -38.5503

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0600, -4.4666, -14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9570, -11.8108, -38.5503 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(53, 124, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 124, 73) }
```

Border

The CSS property to change the border of an element to YUV 96.9570, -11.8108, -38.5503 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, 73) }
```


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

```
.border{ border-color:rgb(53, 124, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 124, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 124, 73);  
box-shadow:4px 4px 4px 4px rgb(53, 124,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 96.9570, -11.8108, -38.5503 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, 73) }
```

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

```
.background{ background-color: rgb(53, 124,  
73) }
```

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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