

Converting Colors

YUV(139.9770, 11.3503,
-47.3378)

Have a look what the booklet for
YUV(139.9770, 11.3503, -47.3378)
contains.

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Color

**YUV(139.9770, 11.3503,
-47.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	56A3A3
RGB	86, 163, 163
RGB Percent	34%, 64%, 64%
CMY	0.6627, 0.3608, 0.3608
CMYK	0.47, 0.00, 0.00, 0.36
HSL	180°, 31%, 49%
HSV	180°, 47%, 64%
XYZ	23.5458, 30.8172, 39.3576
YIQ	139.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

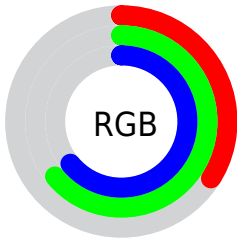
Format	Color
RYB	86, 125, 163
Decimal	5677987
CIELab	62.35, -23.71, -7.38
CIELCh	62, 24.827, 197.287
Yxy	30.8172, 0.2512, 0.3288
Android (android.graphics.Color)	4283868067 (0xFF56A3A3)
YUV	139.9770, 11.3503, -47.3378
Hunter-Lab	55.5132, -21.4377, -3.1761

Details

The YUV color **139.9770, 11.3503, -47.3378** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **109.0230, -11.3503, 47.3378**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9770, 11.3503, -47.3378**, and **85.5850, 12.5296, -52.2560** is the 20% darker color. If you saturate the color by 10%, you get **135.1930, 13.7089, -57.1743**, and if you desaturate by 10%, it is **144.7610, 8.9918, -37.5014**.

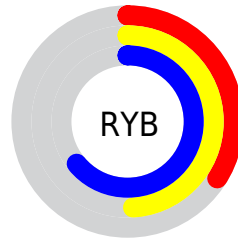
Distribution



Red (34%)

Green (64%)

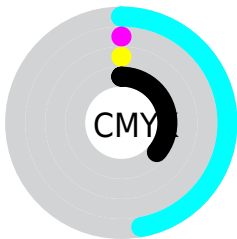
Blue (64%)



Red (34%)

Yellow (49%)

Blue (64%)

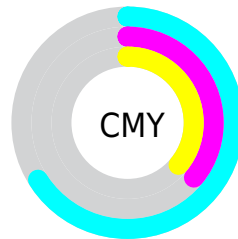


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (66%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9770, 11.3503, -47.3378 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 139.9770, 11.3503, -47.3378 by changing the saturation by 10% instead.

■ 139.9770, 11.3503,
-47.3378

■ 139.9770, 11.3503,
-47.3378

255.0000, 0.0000,
0.0000

■ 113.3790, 11.6452,
-48.5674

■ 194.9770, 11.3503,
-47.3378

■ 85.5850, 12.5296,
-52.2560

■ 223.5640, 11.0609,
-47.8526

■ 60.4000, 13.1138,
-52.9708

■ 237.9570, 8.4022,
-35.0423

■ 44.2770, 9.7234,
-38.8309

■ 246.6280, 4.1274,
-17.2138

■ 28.2680, 6.7699,
-24.7910

■ 11.9000, 4.9793,
-10.4363

■ 0.0000, 0.0000,

0.0000

■ 139.9770, 11.3503,
-47.3378

■ 139.9770, 11.3503,
-47.3378

■ 135.1930, 13.7089,
-57.1743

■ 144.7610, 8.9918,
-37.5014

■ 130.1100, 16.2148,
-67.6255

■ 149.8440, 6.4859,
-27.0502

■ 125.3260, 18.5733,
-77.4619

■ 154.6280, 4.1274,
-17.2138

■ 120.5420, 20.9318,
-87.2983

■ 159.4120, 1.7689,
-7.3773

■ 115.4590, 23.4377,
-97.7495

■ 164.4950, -0.7370,
3.0739

■ 114.2630, 24.0273,
-100.2087

■ 169.2790, -3.0955,
12.9103

■ 174.0630, -5.4541,
22.7467

■ 178.8470, -7.8126,
32.5832

■ 183.9300,
-10.3185, 43.0344

Harmonies

Analogous

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



142.1500, -1.0600, -33.4576



139.9770, 11.3503, -47.3378



141.2680, 20.0809, -47.5930

Triad

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



139.9770, 11.3503, -47.3378



154.2310, 13.1971, 13.8294



150.3390, -20.8731, 21.6277

Complementary

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



139.9770, 11.3503, -47.3378



109.0230, -11.3503, 47.3378

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.



151.9690, -16.2537, 33.3532



139.9770, 11.3503, -47.3378



154.6970, 3.1074, 30.0837

Square

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



139.9770, 11.3503, -47.3378



151.0370, 20.6878, -8.8024



153.3960, -7.0972, 36.4867



147.8700, -19.6559, 4.4990

Rectangle

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



139.9770, 11.3503, -47.3378



144.7190, 22.8165, -38.3416



153.3960, -7.0972, 36.4867



151.3010, -19.8684, 26.0460

Sweetspot

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



139.9770, 11.3503, -47.3378



203.0300, 4.4222, -18.4433



131.1990, -22.2831, -39.6395



101.6180, 2.6533, -11.0660



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



139.9770, 11.3503, -47.3378



175.8210, 17.8362, -74.3880



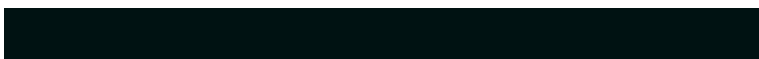
117.6710, 22.3472, -27.7755



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Inverse Universe

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



117.8010, 22.2831, 39.6395



140.9730, 35.0163, 62.2907



131.9160, -22.6366, 27.2607



76.7170, 2.6045, 4.6332



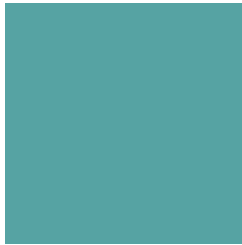
59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 139.9770, 11.3503, -47.3378 looks on a white 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

Black Background



This preview shows how the YUV color 139.9770, 11.3503, -47.3378 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 ✓ Pass

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

YUV 139.9770, 11.3503, -47.3378

Background



This preview shows how black text looks on a background with the YUV color 139.9770, 11.3503, -47.3378.



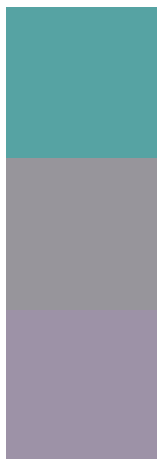
This preview shows how white text looks on a background with the YUV color 139.9770, 11.3503, -47.3378.

-47.3378.

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

139.9770, 11.3503, -47.3378

Protanopia

150.2820, 2.3260, 0.6297

Deuteranopia

151.6830, 7.5513, 4.6630



Tritanopia

141.2530, 16.1443, -44.9489

Trichromacy



Original Color

139.9770, 11.3503, -47.3378

Protanomaly

146.3830, 5.7272, -16.9989

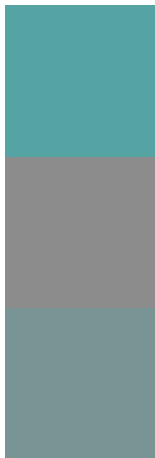
Deuteranomaly

147.3170, 9.2107, -14.3100

Tritanomaly

141.0850, 14.2551, -45.6785

Monochromacy



Original Color

139.9770, 11.3503, -47.3378

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6280, 4.1274, -17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9770, 11.3503, -47.3378 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(86, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(86, 163, 163)  
}
```

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(86, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 163, 163) }
```

Border

The CSS property to change the border of an element to YUV 139.9770, 11.3503, -47.3378 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(86, 163, 163) }
```


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

```
.border{ border-color:rgb(86, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(86, 163,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 139.9770, 11.3503, -47.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 163, 163) }
```

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

```
.background{ background-color: rgb(86, 163,  
163) }
```

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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