

Converting Colors

YUV(168.3970, 11.1433,
-27.5352)

Have a look what the booklet for
YUV(168.3970, 11.1433, -27.5352)
contains.

YUV(168.3970, 11.1433, -27.5352)	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(168.3970, 11.1433,
-27.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	89B4BF
RGB	137, 180, 191
RGB Percent	54%, 71%, 75%
CMY	0.4627, 0.2941, 0.2510
CMYK	0.28, 0.06, 0.00, 0.25
HSL	192°, 30%, 64%
HSV	192°, 28%, 75%
XYZ	36.0418, 41.7225, 55.4439
YIQ	168.3970, -29.1590, -5.6950

Conversions

Conversions Part 2

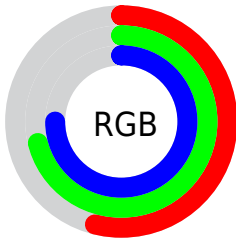
Format	Color
RYB	137, 161, 191
Decimal	9024703
CIELab	70.68, -11.71, -10.26
CIElCh	71, 15.573, 221.219
Yxy	41.7225, 0.2706, 0.3132
Android (android.graphics.Color)	4287214783 (0xFF89B4BF)
YUV	168.3970, 11.1433, -27.5352
Hunter-Lab	64.5929, -13.4377, -5.6770

Details

The YUV color **168.3970, 11.1433, -27.5352** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **159.6030, -11.1433, 27.5352**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0980, 11.2907, -28.1499**, and **115.6960, 10.9959, -26.9204** is the 20% darker color. If you saturate the color by 10%, you get **160.3680, 15.1016, -37.1567**, and if you desaturate by 10%, it is **176.4260, 7.1850, -17.9136**.

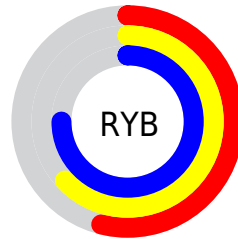
Distribution



Red (54%)

Green (71%)

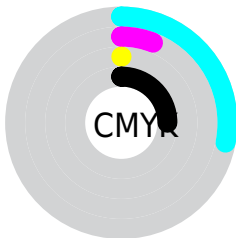
Blue (75%)



Red (54%)

Yellow (63%)

Blue (75%)

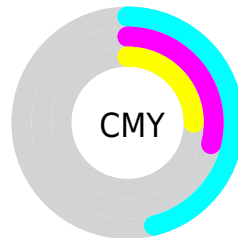


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3970, 11.1433, -27.5352 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 168.3970, 11.1433, -27.5352 by changing the saturation by 10% instead.

■ 168.3970, 11.1433,
-27.5352

■ 168.3970, 11.1433,
-27.5352

255.0000, 0.0000,
0.0000

■ 141.6960, 10.9959,
-26.9204

■ 224.0980, 11.2907,
-28.1499

■ 115.6960, 10.9959,
-26.9204

■ 244.5350, 5.1592,
-21.5172

■ 90.5820, 10.5591,
-26.8204

■ 253.2060, 0.8844,
-3.6887

■ 66.2830, 10.7065,
-27.4352

■ 41.3750, 11.1541,
-31.0239

■ 24.7460, 8.5062,
-21.7022

■ 6.1440, 8.3100,

-5.3883

■ 0.0000, 0.0000,
0.0000

■ 168.3970, 11.1433,
-27.5352

■ 168.3970, 11.1433,
-27.5352

■ 160.3680, 15.1016,
-37.1567

■ 176.4260, 7.1850,
-17.9136

■ 152.3390, 19.0599,
-46.7783

■ 184.4550, 3.2267,
-8.2920

■ 144.3100, 23.0182,
-56.3999

■ 192.4840, -0.7316,
1.3295

■ 136.2810, 26.9765,
-66.0214

■ 200.5130, -4.6899,
10.9511

■ 128.8390, 30.6454,
-76.1578

■ 208.2540, -8.5062,
21.7022

■ 120.5110, 34.7511,
-86.3941

■ 216.2830,
-12.4645, 31.3238

■ 112.4820, 38.7094,
-96.0157

■ 219.5280,
-14.0643, 31.1089

■ 110.9980, 39.4410,
-97.3452

■ 221.8760,
-15.2219, 29.0497

■ 224.2240,
-16.3794, 26.9906

Harmonies

Analogous

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



167.5020, 5.1755, -26.7503



168.3970, 11.1433, -27.5352



170.5380, 14.0318, -20.6428

Triad

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



168.3970, 11.1433, -27.5352



175.6200, 3.1453, 17.8733



172.1890, -13.4042, 5.9732

Complementary

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



168.3970, 11.1433, -27.5352



159.6030, -11.1433, 27.5352

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.



173.5540, -13.5841, 17.0541



168.3970, 11.1433, -27.5352



175.5300, -3.7123, 24.0912

Square

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



168.3970, 11.1433, -27.5352



175.1500, 9.2931, 6.0075



174.6240, -9.6746, 23.1318



170.1380, -9.4350, -7.1370

Rectangle

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



168.3970, 11.1433, -27.5352



172.2940, 14.1521, -12.5358



174.6240, -9.6746, 23.1318



172.5100, -13.5624, 10.0767

Sweetspot

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



168.3970, 11.1433, -27.5352



238.9710, 3.9583, -9.6216



169.9520, -10.8223, -28.8989



119.3520, 2.7845, -6.4477



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.3970, 11.1433, -27.5352



211.9050, 17.3018, -42.8897



152.5480, 18.9568, -13.6356



90.1350, 1.9054, -4.5034



91.9740, 32.5508, -80.6612



17.6220, 6.5954, -15.4545

Inverse Universe

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



158.0480, 10.8223, 28.8989



195.7540, 16.8833, 44.9427



175.4520, -18.9568, 13.6356



88.4890, 1.7309, 4.8331



61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 168.3970, 11.1433, -27.5352 looks on a white background.

Color Contrast Check

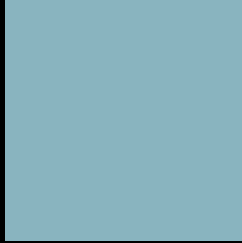
Large Text (above 18pt) WCAG AA × Fail

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 168.3970, 11.1433, -27.5352 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

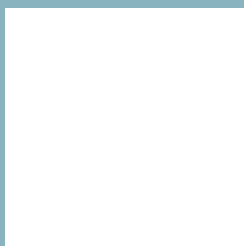
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.3970, 11.1433, -27.5352

Background



This preview shows how black text looks on a background with the YUV color 168.3970, 11.1433, -27.5352.

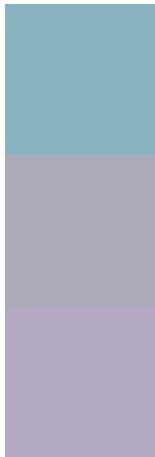


This preview shows how white text looks on a background with the YUV color 168.3970, 11.1433, -27.5352.

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

168.3970, 11.1433, -27.5352

Protanopia

173.0090, 6.4046, -0.8849

Deuteranopia

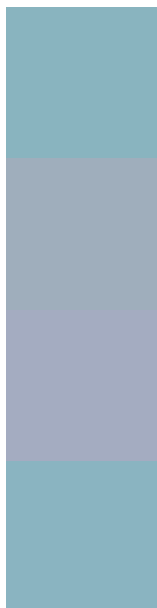
174.2530, 9.7353, 4.1631



Tritanopia

169.0380, 12.3063, -27.2203

Trichromacy



Original Color

168.3970, 11.1433, -27.5352

Protanomaly

171.1110, 8.3263, -10.6213

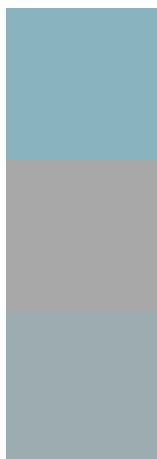
Deuteranomaly

172.0020, 10.3520, -7.0178

Tritanomaly

168.9240, 11.8695, -27.1203

Monochromacy



Original Color

168.3970, 11.1433, -27.5352

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3970, 11.1433, -27.5352 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(137, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(137, 180, 191)  
}
```

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(137, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 180, 191) }
```

Border

The CSS property to change the border of an element to YUV 168.3970, 11.1433, -27.5352 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(137, 180, 191) }
```


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

```
.border{ border-color:rgb(137, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(137, 180,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 168.3970, 11.1433, -27.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 180, 191) }
```

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

```
.background{ background-color: rgb(137,  
180, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor