

Converting Colors

YUV(59.5770, 11.5475,
-17.1690)

Have a look what the booklet for
YUV(59.5770, 11.5475, -17.1690)
contains.

YUV(59.5770, 11.5475, -17.1690)	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(59.5770, 11.5475,
-17.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	284153
RGB	40, 65, 83
RGB Percent	16%, 25%, 33%
CMY	0.8431, 0.7451, 0.6745
CMYK	0.52, 0.22, 0.00, 0.67
HSL	205°, 35%, 24%
HSV	205°, 52%, 33%
XYZ	4.3267, 4.8562, 8.8929
YIQ	59.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

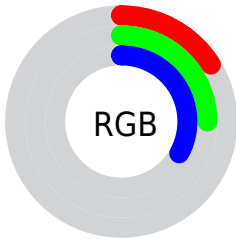
Format	Color
RYB	40, 56, 83
Decimal	2638163
CIELab	26.32, -3.89, -13.81
CIElCh	26, 14.344, 254.266
Yxy	4.8562, 0.2394, 0.2687
Android (android.graphics.Color)	4280828243 (0xFF284153)
YUV	59.5770, 11.5475, -17.1690
Hunter-Lab	22.0369, -3.5180, -8.5005

Details

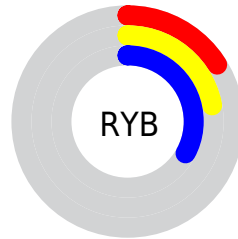
The YUV color **59.5770, 11.5475, -17.1690** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.4230, -11.5475, 17.1690**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8050, 12.4211, -17.3690**, and **17.8330, 9.9423, -15.6395** is the 20% darker color. If you saturate the color by 10%, you get **55.4240, 13.5950, -20.5428**, and if you desaturate by 10%, it is **63.7300, 9.5001, -13.7952**.

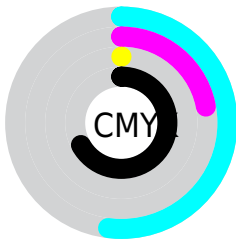
Distribution



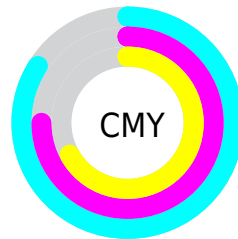
- Red (16%)
- Green (25%)
- Blue (33%)



- Red (16%)
- Yellow (22%)
- Blue (33%)



- Cyan (52%)
- Magenta (22%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5770, 11.5475, -17.1690 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 59.5770, 11.5475, -17.1690 by changing the saturation by 10% instead.

■ 59.5770, 11.5475,
-17.1690

■ 59.5770, 11.5475,
-17.1690

■ 255.0000, 0.0000,
0.0000

■ 36.8650, 11.4056,
-18.2986

■ 107.8050, 12.4211,
-17.3690

■ 17.8330, 9.9423,
-15.6395

■ 132.9190, 12.8579,
-17.4690

■ 2.5250, 7.1362,
-2.2144

■ 159.0330, 13.2947,
-17.5689

■ 0.0000, 0.0000,
0.0000

■ 186.6200, 13.0053,
-18.0837

■ 213.8480, 13.8789,
-18.2837

■ 241.0240, 6.8902,

-16.6840

253.5050, 0.7370,
-3.0739

59.5770, 11.5475,
-17.1690

59.5770, 11.5475,
-17.1690

55.4240, 13.5950,
-20.5428

63.7300, 9.5001,
-13.7952

50.3850, 16.0792,
-24.0166

68.7690, 7.0159,
-10.3214

46.2320, 18.1266,
-27.3905

72.9220, 4.9685,
-6.9476

41.4920, 20.4634,
-30.2495

77.6620, 2.6316,
-4.0886

37.6380, 22.3635,
-33.0085

82.1140, 0.4368,
-0.1000

■ 86.8540, -1.9000,
2.7590

■ 91.0070, -3.9475,
6.1329

■ 95.7470, -6.2843,
8.9919

■ 100.1990, -8.4791,
12.9805

Harmonies

Analogous

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



56.7780, 9.9694, -24.3613



59.5770, 11.5475, -17.1690



62.6000, 10.0572, -5.7882

Triad

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



59.5770, 11.5475, -17.1690



63.3120, -3.1118, 18.1434



59.5340, -6.6723, -6.6073

Complementary

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



59.5770, 11.5475, -17.1690



63.4230, -11.5475, 17.1690

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.



61.0900, -9.9044, 3.4291



59.5770, 11.5475, -17.1690



62.8620, -7.3270, 16.7840

Square

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



59.5770, 11.5475, -17.1690



63.9570, 1.9932, 14.0697



62.3190, -10.5103, 11.1212



58.2600, -1.1142, -16.0140

Rectangle

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



59.5770, 11.5475, -17.1690



63.4870, 8.1409, 2.2039



62.3190, -10.5103, 11.1212



60.2140, -7.9935, -2.8187

Sweetspot

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



59.5770, 11.5475, -17.1690



97.8080, 4.5317, -6.8476



67.2930, -4.5814, -23.9360



47.7760, 3.0684, -4.1886



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



59.5770, 11.5475, -17.1690



70.8300, 17.8318, -26.1609



47.2500, 17.6247, -6.3582



38.6300, 1.1684, -1.4295



47.7770, 28.2109, -41.9004



105.6930, 62.2694, -92.6928

Inverse Universe

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



55.7070, 4.5814, 23.9360



65.0660, 6.8695, 36.7761



75.7500, -17.6247, 6.3582



38.4240, 0.2840, 2.2592



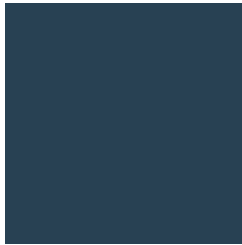
38.3490, 11.1669, 58.4529



84.7580, 24.7693, 129.1312

Previews

White Background



This preview shows how the YUV color 59.5770, 11.5475, -17.1690 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 ✓ Pass

Black Background



This preview shows how the YUV color 59.5770, 11.5475, -17.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

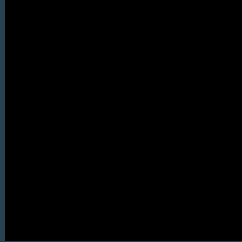
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

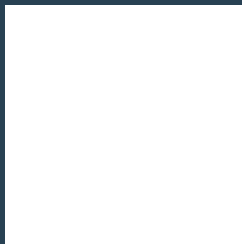
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.5770, 11.5475, -17.1690

Background



This preview shows how black text looks on a background with the YUV color 59.5770, 11.5475, -17.1690.



This preview shows how white text looks on a background with the YUV color 59.5770, 11.5475,

-17.1690.

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

59.5770, 11.5475, -17.1690

Protanopia

61.9700, 8.8888, -4.3587

Deuteranopia

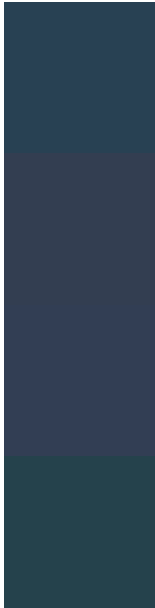
62.1270, 10.7834, -5.3734



Tritanopia

58.3010, 6.7536, -19.5580

Trichromacy



Original Color

59.5770, 11.5475, -17.1690

Protanomaly

60.8770, 9.9206, -8.6621

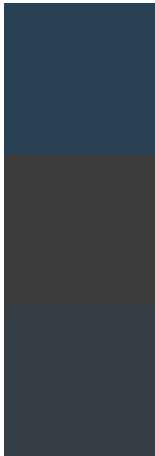
Deuteranomaly

60.9200, 11.3784, -9.5768

Tritanomaly

58.4690, 8.6428, -18.8283

Monochromacy



Original Color

59.5770, 11.5475, -17.1690

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5770, 11.5475, -17.1690 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(40, 65, 83)` looks like.

```
.text, #text, p{  
    color:rgb(40, 65, 83)  
}
```

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(40, 65, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 65, 83) }
```

Border

The CSS property to change the border of an element to YUV 59.5770, 11.5475, -17.1690 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(40, 65, 83) }
```


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

```
.border{ border-color:rgb(40, 65, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 65, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 65, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 65, 83);  
box-shadow:4px 4px 4px 4px rgb(40, 65, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.5770, 11.5475, -17.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 65, 83) }
```

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

```
.background{ background-color: rgb(40, 65,  
83) }
```

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