

Converting Colors

YUV(58.7700, 2.0854, -15.5843)

Have a look what the booklet for
YUV(58.7700, 2.0854, -15.5843)
contains.

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Color

**YUV(58.7700, 2.0854,
-15.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	29433F
RGB	41, 67, 63
RGB Percent	16%, 26%, 25%
CMY	0.8392, 0.7373, 0.7529
CMYK	0.39, 0.00, 0.06, 0.74
HSL	171°, 24%, 21%
HSV	171°, 39%, 26%
XYZ	3.8188, 4.8446, 5.4365
YIQ	58.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

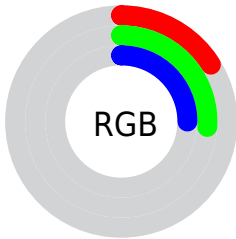
Format	Color
R_{YB}	41, 55, 67
Decimal	2704191
CIE _{Lab}	26.29, -11.02, -0.74
CIE _{LCh}	26, 11.047, 183.823
Yxy	4.8446, 0.2708, 0.3436
Android (android.graphics.Color)	4280894271 (0xFF29433F)
YUV	58.7700, 2.0854, -15.5843
Hunter-Lab	22.0105, -7.5486, 0.7630

Details

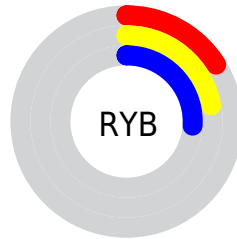
The YUV color **58.7700, 2.0854, -15.5843** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.2300, -2.0854, 15.5843**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4710, 2.2328, -16.1991**, and **17.0690, 1.9380, -14.9695** is the 20% darker color. If you saturate the color by 10%, you get **56.5630, 2.6804, -19.7878**, and if you desaturate by 10%, it is **60.9770, 1.4903, -11.3808**.

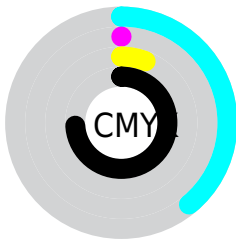
Distribution



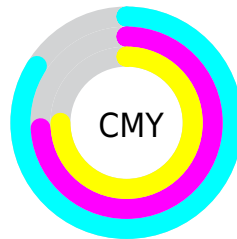
- Red (16%)
- Green (26%)
- Blue (25%)



- Red (16%)
- Yellow (22%)
- Blue (26%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (74%)



- Cyan (84%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7700, 2.0854, -15.5843 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 58.7700, 2.0854, -15.5843 by changing the saturation by 10% instead.

■ 58.7700, 2.0854,
-15.5843

■ 58.7700, 2.0854,
-15.5843

■ 255.0000, 0.0000,
0.0000

■ 36.7700, 2.0854,
-15.5843

■ 106.4710, 2.2328,
-16.1991

■ 17.0690, 1.9380,
-14.9695

■ 131.7590, 2.0908,
-17.3286

■ 0.0000, 0.0000,
0.0000

■ 157.7590, 2.0908,
-17.3286

■ 184.7590, 2.0908,
-17.3286

■ 212.4600, 2.2382,
-17.9434

■ 241.0470, 1.9488,

-18.4582

253.2060, 0.8844,
-3.6887

58.7700, 2.0854,
-15.5843

58.7700, 2.0854,
-15.5843

56.5630, 2.6804,
-19.7878

60.9770, 1.4903,
-11.3808

54.6550, 3.1281,
-23.3764

62.8850, 1.0427,
-7.7921

52.4480, 3.7231,
-27.5799

65.0920, 0.4476,
-3.5887

50.2410, 4.3182,
-31.7834

67.2990, -0.1474,
0.6148

48.3330, 4.7658,
-35.3720

69.5060, -0.7425,
4.8182

■ 46.1260, 5.3609,
-39.5755

■ 71.4140, -1.1901,
8.4069

■ 45.8270, 5.5083,
-40.1903

■ 73.6210, -1.7852,
12.6104

■ 75.8280, -2.3802,
16.8138

■ 77.7360, -2.8278,
20.4025

Harmonies

Analogous

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



59.6630, -2.2989, -9.3515



58.7700, 2.0854, -15.5843



58.7850, 6.0220, -18.2284

Triad

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



58.7700, 2.0854, -15.5843



63.3190, 6.2517, 1.4742



62.4160, -7.6001, 11.0362

Complementary

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



58.7700, 2.0854, -15.5843



49.2300, -2.0854, 15.5843

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.



63.1220, -4.9901, 13.9250



58.7700, 2.0854, -15.5843



63.5650, 3.1725, 9.1515

Square

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



58.7700, 2.0854, -15.5843



62.1330, 8.3154, -7.1326



63.4470, -1.2064, 13.6400



61.5570, -8.1626, 4.7735

Rectangle

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



58.7700, 2.0854, -15.5843



59.5510, 7.6164, -16.2692



63.4470, -1.2064, 13.6400



62.6550, -6.7319, 12.5806

Sweetspot

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



58.7700, 2.0854, -15.5843



83.4830, 0.7479, -6.5626



57.4580, -8.1138, -10.9257



41.0920, 0.4476, -3.5887



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



58.7700, 2.0854, -15.5843



73.9430, 2.9861, -24.5060



53.9430, 6.4371, -11.3510



32.1030, 0.4422, -1.8443



66.2870, 7.7465, -58.1337



153.1480, 18.1680, -134.3108

Inverse Universe

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



49.2300, -2.0854, 15.5843



58.9430, -3.4229, 24.6060



54.0570, -6.4371, 11.3510



30.8970, -0.4422, 1.8443



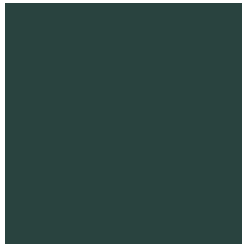
30.7130, -7.7465, 58.1337



70.9660, -17.7312, 134.2108

Previews

White Background



This preview shows how the YUV color 58.7700, 2.0854, -15.5843 looks on a white background.

Color Contrast Check

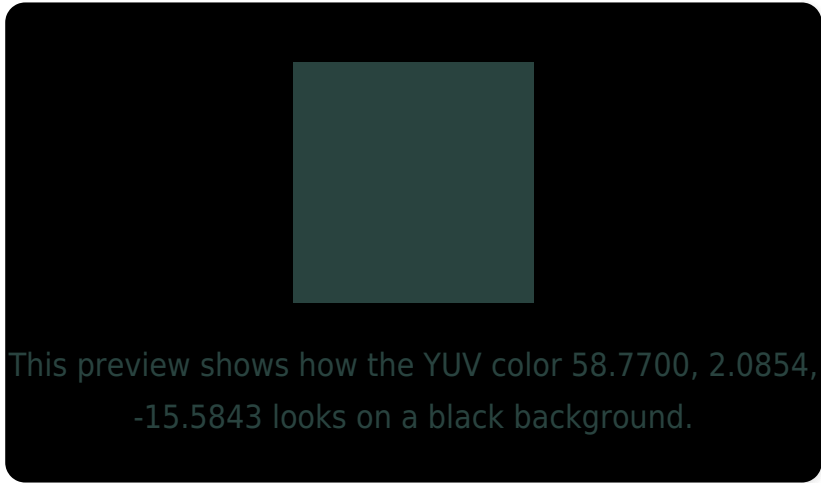
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

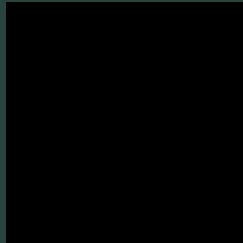
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7700, 2.0854, -15.5843

Background



This preview shows how black text looks on a background with the YUV color 58.7700, 2.0854, -15.5843.



This preview shows how white text looks on a background with the YUV color 58.7700, 2.0854, -15.5843.

-15.5843.

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

58.7700, 2.0854, -15.5843

Protanopia

62.3700, -1.1684, 1.4295

Deuteranopia

62.5490, 0.7153, 3.9035



Tritanopia

59.6930, 5.5744, -14.6398

Trichromacy



Original Color

58.7700, 2.0854, -15.5843

Protanomaly

61.2660, -0.1311, -4.6183

Deuteranomaly

61.6190, 1.1738, -3.1739

Tritanomaly

59.0520, 4.4114, -14.9546

Monochromacy



Original Color

58.7700, 2.0854, -15.5843

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7700, 2.0854, -15.5843 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(41, 67, 63)` looks like.

```
.text, #text, p{  
    color:rgb(41, 67, 63)  
}
```

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(41, 67, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 67, 63) }
```

Border

The CSS property to change the border of an element to YUV 58.7700, 2.0854, -15.5843 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(41, 67, 63) }
```


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

```
.border{ border-color:rgb(41, 67, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 67, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 67, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 67, 63);  
box-shadow:4px 4px 4px 4px rgb(41, 67, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.7700, 2.0854, -15.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 67, 63) }
```

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

```
.background{ background-color: rgb(41, 67,  
63) }
```

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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