

Converting Colors

YUV(60.1660, 4.8482, -15.0546)

Have a look what the booklet for
YUV(60.1660, 4.8482, -15.0546)
contains.

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Color

**YUV(60.1660, 4.8482,
-15.0546)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2B4346 |
| RGB | 43, 67, 70 |
| RGB Percent | 17%, 26%, 27% |
| CMY | 0.8314, 0.7373, 0.7255 |
| CMYK | 0.39, 0.04, 0.00, 0.73 |
| HSL | 187°, 24%, 22% |
| HSV | 187°, 39%, 27% |
| XYZ | 4.1089, 4.9701, 6.5371 |
| YIQ | 60.1660, -15.2670, -4.1550 |

Conversions

Conversions Part 2

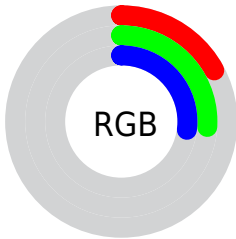
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 43, 56, 70 |
| Decimal | 2835270 |
| CIELab | 26.65, -8.35, -4.78 |
| CIElCh | 27, 9.623, 209.787 |
| Yxy | 4.9701, 0.2631, 0.3183 |
| Android (android.graphics.Color) | 4281025350 (0xFF2B4346) |
| YUV | 60.1660, 4.8482, -15.0546 |
| Hunter-Lab | 22.2937, -6.1150, -1.7798 |

Details

The YUV color **60.1660, 4.8482, -15.0546** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.8340, -4.8482, 15.0546**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8670, 4.9956, -15.6694**, and **17.7530, 4.5588, -15.5694** is the 20% darker color. If you saturate the color by 10%, you get **57.4860, 6.1694, -18.8432**, and if you desaturate by 10%, it is **62.8460, 3.5269, -11.2659**.

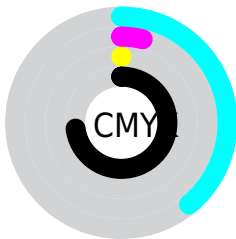
Distribution



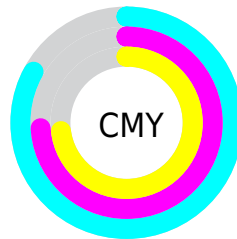
- Red (17%)
- Green (26%)
- Blue (27%)



- Red (17%)
- Yellow (22%)
- Blue (27%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.1660, 4.8482, -15.0546 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 60.1660, 4.8482, -15.0546 by changing the saturation by 10% instead.

■ 60.1660, 4.8482,
-15.0546

■ 60.1660, 4.8482,
-15.0546

■ 255.0000, 0.0000,
0.0000

■ 38.1660, 4.8482,
-15.0546

■ 107.8670, 4.9956,
-15.6694

■ 17.7530, 4.5588,
-15.5694

■ 133.5680, 5.1430,
-16.2841

■ 0.0000, 0.0000,
0.0000

■ 159.5680, 5.1430,
-16.2841

■ 186.3830, 5.7272,
-16.9989

■ 214.3830, 5.7272,
-16.9989

■ 242.9700, 5.4378,

-17.5137

253.8040, 0.5896,
-2.4591

60.1660, 4.8482,
-15.0546

60.1660, 4.8482,
-15.0546

57.4860, 6.1694,
-18.8432

62.8460, 3.5269,
-11.2659

54.8060, 7.4906,
-22.6319

65.5260, 2.2057,
-7.4773

52.7130, 8.5225,
-26.9353

67.6190, 1.1738,
-3.1739

50.0330, 9.8437,
-30.7239

70.2990, -0.1474,
0.6148

47.3530, 11.1650,
-34.5126

72.9790, -1.4686,
4.4034

■ 44.6730, 12.4862,
-38.3012

■ 75.6590, -2.7899,
8.1921

■ 44.3740, 12.6336,
-38.9160

■ 77.7520, -3.8217,
12.4955

■ 80.4320, -5.1430,
16.2841

■ 83.1120, -6.4642,
20.0728

Harmonies

Analogous

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



60.2650, 1.3484, -12.5104



60.1660, 4.8482, -15.0546



61.0460, 6.8793, -13.1953

Triad

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



60.1660, 4.8482, -15.0546



64.5540, 3.1779, 7.4071



62.4970, -7.1470, 5.7031

Complementary

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



60.1660, 4.8482, -15.0546



52.8340, -4.8482, 15.0546

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.



63.4590, -6.1423, 10.1215



60.1660, 4.8482, -15.0546



64.2510, -0.6167, 11.1809

Square

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



60.1660, 4.8482, -15.0546



63.6070, 6.1097, 0.3447



63.7520, -3.8217, 12.4955



62.0940, -5.9623, -0.9594

Rectangle

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



60.1660, 4.8482, -15.0546



61.5950, 7.5947, -9.2918



63.7520, -3.8217, 12.4955



63.2090, -7.0050, 6.8327

Sweetspot

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



60.1660, 4.8482, -15.0546



88.1240, 1.9109, -6.2477



59.1910, -6.5032, -14.1995



43.3200, 1.3212, -3.7886



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



60.1660, 4.8482, -15.0546



76.5070, 7.6380, -23.2466



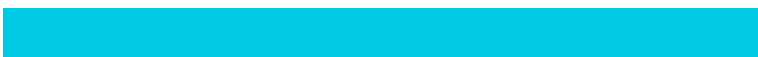
52.5350, 8.6102, -8.3622



34.2170, 0.8790, -1.9443



62.9420, 17.7766, -55.2001



144.4520, 40.6962, -126.6844

Inverse Universe

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



53.8090, 6.5032, 14.1995



66.7760, 9.9704, 22.1214



60.4650, -8.6102, 8.3622



33.5380, 0.7208, 2.1592



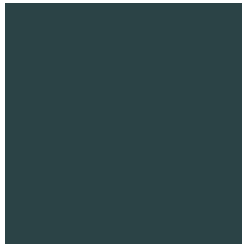
39.6330, 23.8449, 52.0649



90.9010, 54.7718, 119.3588

Previews

White Background



This preview shows how the YUV color 60.1660, 4.8482, -15.0546 looks on a white background.

Color Contrast Check

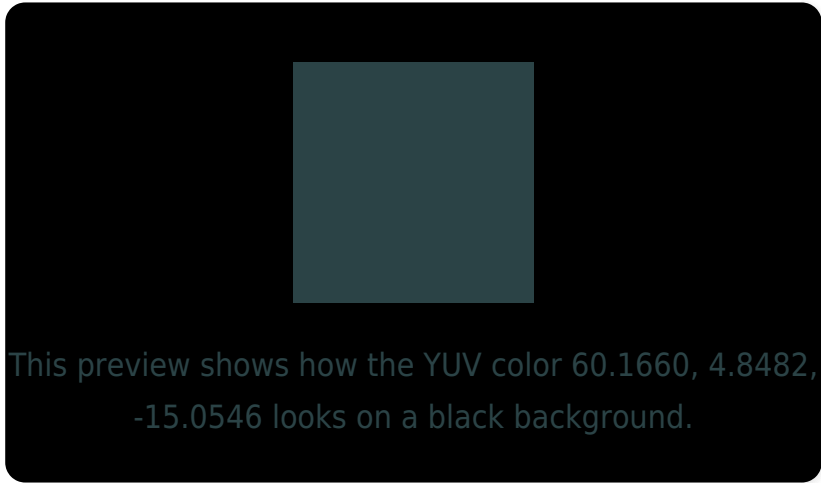
Large Text (above 18pt) WCAG AA ✓ Pass

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

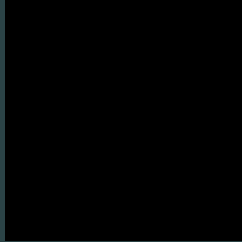
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

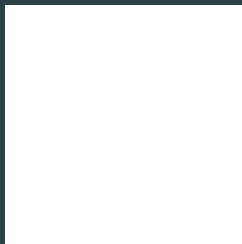
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 60.1660, 4.8482, -15.0546

Background



This preview shows how black text looks on a background with the YUV color 60.1660, 4.8482, -15.0546.



This preview shows how white text looks on a background with the YUV color 60.1660, 4.8482, -15.0546.

-15.0546.

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

60.1660, 4.8482, -15.0546

Protanopia

62.8690, 2.0366, 0.1149

Deuteranopia

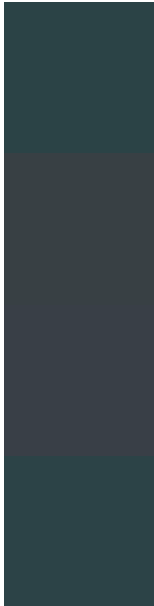
63.3360, 3.7784, 1.4593



Tritanopia

60.6930, 5.5744, -14.6398

Trichromacy



Original Color

60.1660, 4.8482, -15.0546

Protanomaly

62.0640, 2.9264, -5.3181

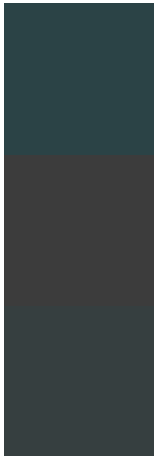
Deuteranomaly

62.1180, 4.3788, -4.4885

Tritanomaly

60.5790, 5.1376, -14.5398

Monochromacy



Original Color

60.1660, 4.8482, -15.0546

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.4230, 1.7635, -5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.1660, 4.8482, -15.0546 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(43, 67, 70)` looks like.

```
.text, #text, p{  
    color:rgb(43, 67, 70)  
}
```

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(43, 67, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 67, 70) }
```

Border

The CSS property to change the border of an element to YUV 60.1660, 4.8482, -15.0546 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(43, 67, 70) }
```


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

```
.border{ border-color:rgb(43, 67, 70) }
```

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

Here you see how a box with a 4 pixel rgb(43, 67, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 67, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 67, 70);  
box-shadow:4px 4px 4px 4px rgb(43, 67, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.1660, 4.8482, -15.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 67, 70) }
```

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

```
.background{ background-color: rgb(43, 67,  
70) }
```

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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