

Converting Colors

YUV(61.7960, 6.0166, -16.4841)

Have a look what the booklet for
YUV(61.7960, 6.0166, -16.4841)
contains.

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Color

**YUV(61.7960, 6.0166,
-16.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	2B454A
RGB	43, 69, 74
RGB Percent	17%, 27%, 29%
CMY	0.8314, 0.7294, 0.7098
CMYK	0.42, 0.07, 0.00, 0.71
HSL	190°, 26%, 23%
HSV	190°, 42%, 29%
XYZ	4.3604, 5.2642, 7.2648
YIQ	61.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

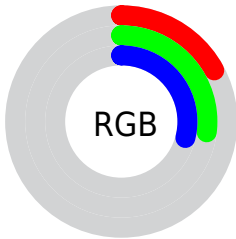
Format	Color
R_{YB}	43, 57, 74
Decimal	2835786
CIE _{Lab}	27.47, -8.40, -6.16
CIE _{LCh}	27, 10.417, 216.265
Yxy	5.2642, 0.2582, 0.3117
Android (android.graphics.Color)	4281025866 (0xFF2B454A)
YUV	61.7960, 6.0166, -16.4841
Hunter-Lab	22.9439, -6.2286, -2.7125

Details

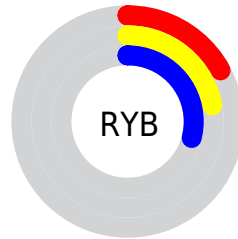
The YUV color **61.7960, 6.0166, -16.4841** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **55.2040, -6.0166, 16.4841**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6110, 6.6008, -17.1988**, and **18.6820, 5.5798, -16.3841** is the 20% darker color. If you saturate the color by 10%, you get **59.1160, 7.3378, -20.2727**, and if you desaturate by 10%, it is **64.4760, 4.6953, -12.6955**.

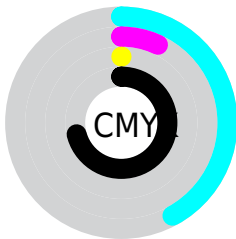
Distribution



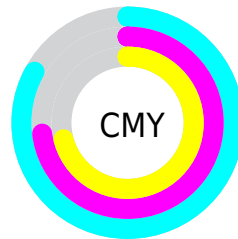
- Red (17%)
- Green (27%)
- Blue (29%)



- Red (17%)
- Yellow (22%)
- Blue (29%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (71%)



- Cyan (83%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7960, 6.0166, -16.4841 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 61.7960, 6.0166, -16.4841 by changing the saturation by 10% instead.

■ 61.7960, 6.0166,
-16.4841

■ 61.7960, 6.0166,
-16.4841

■ 255.0000, 0.0000,
0.0000

■ 39.3830, 5.7272,
-16.9989

■ 109.6110, 6.6008,
-17.1988

■ 18.6820, 5.5798,
-16.3841

■ 135.1980, 6.3114,
-17.7136

■ 0.4560, 1.7472,
-0.3999

■ 161.3120, 6.7482,
-17.8136

■ 0.0000, 0.0000,
0.0000

■ 188.8990, 6.4588,
-18.3284

■ 216.6000, 6.6062,
-18.9432

■ 244.2580, 5.2958,

-18.6433

254.1030, 0.4422,
-1.8443

■ 61.7960, 6.0166,
-16.4841

■ 61.7960, 6.0166,
-16.4841

■ 59.1160, 7.3378,
-20.2727

■ 64.4760, 4.6953,
-12.6955

■ 56.1370, 8.8065,
-24.6761

■ 67.4550, 3.2267,
-8.2920

■ 52.8700, 10.4171,
-27.9500

■ 70.7220, 1.6161,
-5.0182

■ 49.8910, 11.8857,
-32.3534

■ 73.7010, 0.1474,
-0.6148

■ 47.2110, 13.2070,
-36.1420

■ 76.3810, -1.1738,
3.1739

■ 44.8300, 14.3808,
-39.3159

■ 79.0610, -2.4951,
6.9625

■ 82.0400, -3.9637,
11.3659

■ 85.3070, -5.5744,
14.6398

■ 88.2860, -7.0430,
19.0432

Harmonies

Analogous

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



61.4820, 2.2274, -14.4547



61.7960, 6.0166, -16.4841



62.6870, 8.0423, -12.8805

Triad

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



61.7960, 6.0166, -16.4841



66.3370, 2.2989, 9.3515



64.3720, -7.5784, 4.0588

Complementary

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



61.7960, 6.0166, -16.4841



55.2040, -6.0166, 16.4841

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.



65.2310, -7.0159, 10.3214



61.7960, 6.0166, -16.4841



66.0340, -1.4958, 13.1252

Square

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



61.7960, 6.0166, -16.4841



65.6180, 6.1043, 2.0890



65.8230, -4.8427, 13.3102



63.1970, -5.5201, -2.8038

Rectangle

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



61.7960, 6.0166, -16.4841



64.1220, 8.3209, -8.8770



65.8230, -4.8427, 13.3102



64.6820, -7.7312, 6.4179

Sweetspot

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



61.7960, 6.0166, -16.4841



91.9390, 2.4951, -6.9625



61.7670, -6.7871, -16.4587



45.3200, 1.3212, -3.7886



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



61.7960, 6.0166, -16.4841



77.6530, 9.5381, -26.0057



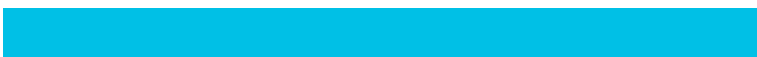
52.9910, 10.3574, -8.7621



36.8040, 0.5896, -2.4591



62.1100, 19.6658, -54.4705



138.9240, 44.9005, -121.8363

Inverse Universe

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



55.2330, 6.7871, 16.4587



67.3250, 10.6858, 26.0250



64.0090, -10.3574, 8.7621



35.6520, 1.1576, 2.0592



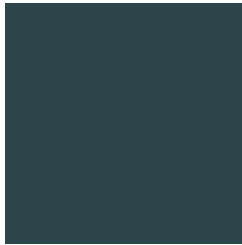
40.3020, 22.5291, 54.1091



90.6580, 49.9616, 122.2029

Previews

White Background



This preview shows how the YUV color 61.7960, 6.0166, -16.4841 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 61.7960, 6.0166, -16.4841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

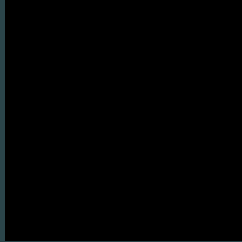
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

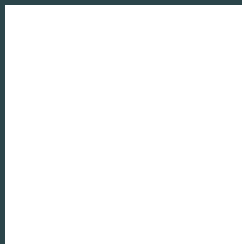
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.7960, 6.0166, -16.4841

Background



This preview shows how black text looks on a background with the YUV color 61.7960, 6.0166, -16.4841.



This preview shows how white text looks on a background with the YUV color 61.7960, 6.0166, -16.4841.

-16.4841.

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

61.7960, 6.0166, -16.4841

Protanopia

64.7980, 3.0576, -0.6998

Deuteranopia

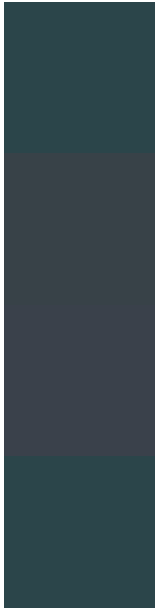
65.2650, 4.7994, 0.6446



Tritanopia

61.7960, 6.0166, -16.4841

Trichromacy



Original Color

61.7960, 6.0166, -16.4841

Protanomaly

63.6940, 4.0949, -6.7476

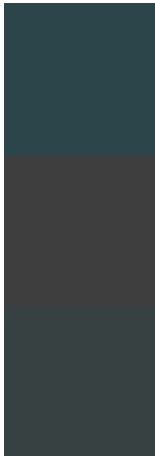
Deuteranomaly

64.0470, 5.3998, -5.3032

Tritanomaly

61.7960, 6.0166, -16.4841

Monochromacy



Original Color

61.7960, 6.0166, -16.4841

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7960, 6.0166, -16.4841 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, 69, 74)` looks like.

```
.text, #text, p{  
  color:rgb(43, 69, 74)  
}
```

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, 69, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 69, 74) }
```

Border

The CSS property to change the border of an element to YUV 61.7960, 6.0166, -16.4841 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, 69, 74) }
```


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

```
.border{ border-color:rgb(43, 69, 74) }
```

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

Here you see how a box with a 4 pixel rgb(43, 69, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 69, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 69, 74);  
box-shadow:4px 4px 4px 4px rgb(43, 69, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7960, 6.0166, -16.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 69, 74) }
```

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

```
.background{ background-color: rgb(43, 69,  
74) }
```

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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