

Converting Colors

YUV(61.0860, -0.5354, -14.9844)

Have a look what the booklet for
YUV(61.0860, -0.5354, -14.9844)
contains.

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Color

**YUV(61.0860, -0.5354,
-14.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	2C463C
RGB	44, 70, 60
RGB Percent	17%, 27%, 24%
CMY	0.8275, 0.7255, 0.7647
CMYK	0.37, 0.00, 0.14, 0.73
HSL	157°, 23%, 22%
HSV	157°, 37%, 27%
XYZ	4.0445, 5.2420, 5.0736
YIQ	61.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

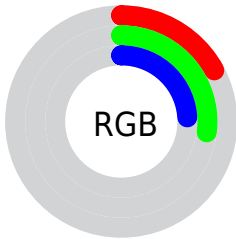
Format	Color
R _Y B	44, 60, 70
Decimal	2901564
CIE Lab	27.41, -12.57, 2.88
CIE LCh	27, 12.893, 167.087
Yxy	5.2420, 0.2816, 0.3650
Android (android.graphics.Color)	4281091644 (0xFF2C463C)
YUV	61.0860, -0.5354, -14.9844
Hunter-Lab	22.8955, -8.5352, 2.8883

Details

The YUV color **61.0860, -0.5354, -14.9844** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.9140, 0.5354, 14.9844**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6730, -0.8248, -15.4992**, and **17.9010, 0.0488, -15.6992** is the 20% darker color. If you saturate the color by 10%, you get **58.6510, -0.8139, -18.9879**, and if you desaturate by 10%, it is **63.5210, -0.2569, -10.9809**.

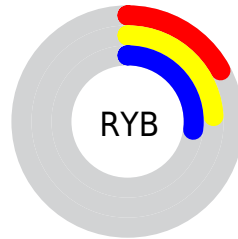
Distribution



Red (17%)

Green (27%)

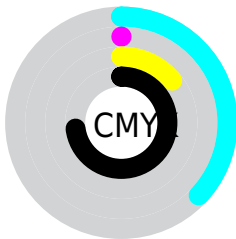
Blue (24%)



Red (17%)

Yellow (24%)

Blue (27%)

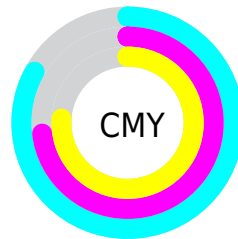


Cyan (37%)

Magenta (0%)

Yellow (14%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0860, -0.5354, -14.9844 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 61.0860, -0.5354, -14.9844 by changing the saturation by 10% instead.

■ 61.0860, -0.5354,
-14.9844

■ 61.0860, -0.5354,
-14.9844

255.0000, 0.0000,
0.0000

■ 39.0860, -0.5354,
-14.9844

■ 108.6730, -0.8248,
-15.4992

■ 17.9010, 0.0488,
-15.6992

■ 134.2600, -1.1142,
-16.0140

■ 0.0000, 0.0000,
0.0000

■ 160.6620, -0.8194,
-17.2436

■ 187.5480, -1.2562,
-17.1436

■ 215.2490, -1.1088,
-17.7584

■ 243.9500, -0.9613,

-18.3731

254.1030, 0.4422,
-1.8443

■ 61.0860, -0.5354,
-14.9844

■ 61.0860, -0.5354,
-14.9844

■ 58.6510, -0.8139,
-18.9879

■ 63.5210, -0.2569,
-10.9809

■ 56.3300, -0.6557,
-23.0914

■ 65.8420, -0.4151,
-6.8774

■ 53.8950, -0.9342,
-27.0949

■ 68.2770, -0.1366,
-2.8739

■ 51.4600, -1.2128,
-31.0984

■ 70.7120, 0.1420,
1.1296

■ 49.1390, -1.0545,
-35.2019

■ 73.0330, -0.0163,
5.2331

■ 46.7040, -1.3331,
-39.2054

■ 75.4680, 0.2623,
9.2366

■ 45.9920, -1.4751,
-40.3350

■ 77.9030, 0.5408,
13.2401

■ 80.3380, 0.8194,
17.2436

■ 82.6590, 0.6611,
21.3471

Harmonies

Analogous

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



62.1750, -5.5093, -6.2925



61.0860, -0.5354, -14.9844



59.8340, 5.0118, -20.9024

Triad

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



61.0860, -0.5354, -14.9844



65.2690, 8.7414, -3.7439



65.8510, -7.3215, 15.0397

Complementary

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



61.0860, -0.5354, -14.9844



52.9140, 0.5354, 14.9844

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.



66.1870, -3.5432, 16.4990



61.0860, -0.5354, -14.9844



65.9390, 5.9461, 6.1925

Square

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



61.0860, -0.5354, -14.9844



62.9580, 10.3737, -13.9952



66.4300, 1.2670, 13.6549



64.9490, -9.3419, 9.6917

Rectangle

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



61.0860, -0.5354, -14.9844



60.5180, 7.6326, -21.5023



66.4300, 1.2670, 13.6549



65.7910, -6.3060, 15.9693

Sweetspot

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



61.0860, -0.5354, -14.9844



88.5540, -0.2731, -5.7479



62.2520, -8.9982, -7.2370



43.9780, 0.0108, -3.4887



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.



61.0860, -0.5354, -14.9844



77.6180, -0.7977, -24.2210



60.4650, 4.7008, -14.4398



34.5760, -0.2840, -2.2592



65.0670, -2.0050, -57.0638



149.2090, -4.5400, -130.8563

Inverse Universe

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



52.9140, 0.5354, 14.9844



64.3820, 0.7977, 24.2210



53.5350, -4.7008, 14.4398



33.4240, 0.2840, 2.2592



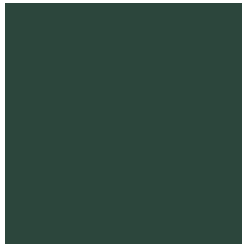
33.9330, 2.0050, 57.0638



77.7910, 4.5400, 130.8563

Previews

White Background



This preview shows how the YUV color 61.0860, -0.5354, -14.9844 looks on a white background.

Color Contrast Check

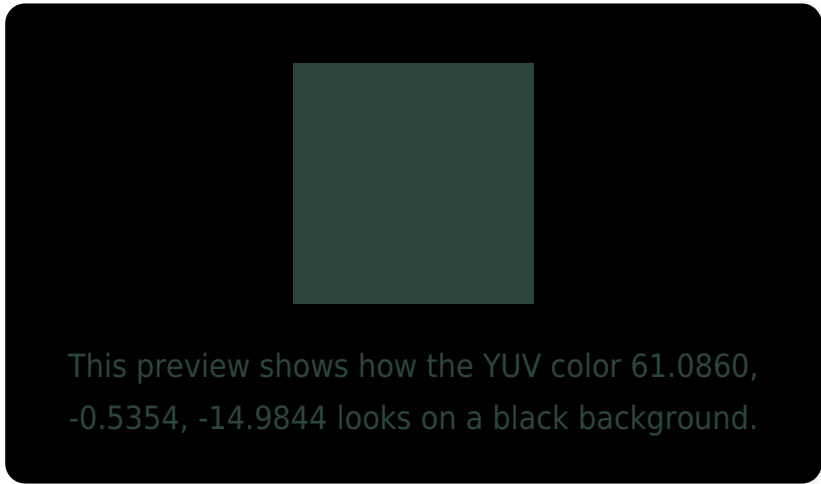
Large Text (above 18pt) WCAG AA ✓ Pass

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

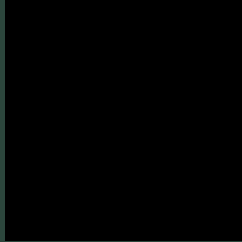
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.0860, -0.5354, -14.9844

Background



This preview shows how black text looks on a background with the YUV color 61.0860, -0.5354, -14.9844.



This preview shows how white text looks on a background with the YUV color 61.0860, -0.5354,

-14.9844.

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

61.0860, -0.5354, -14.9844

Protanopia

64.0990, -3.4998, 2.5442

Deuteranopia

64.9900, -1.4741, 6.1478



Tritanopia

62.4050, 5.7163, -13.5102

Trichromacy



Original Color

61.0860, -0.5354, -14.9844

Protanomaly

62.9950, -2.4625, -3.5036

Deuteranomaly

63.6470, -1.3050, -1.4444

Tritanomaly

62.1230, 3.3904, -14.1399

Monochromacy



Original Color

61.0860, -0.5354, -14.9844

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0860, -0.5354, -14.9844 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(44, 70, 60)` looks like.

```
.text, #text, p{  
    color:rgb(44, 70, 60)  
}
```

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(44, 70, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 70, 60) }
```

Border

The CSS property to change the border of an element to YUV 61.0860, -0.5354, -14.9844 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(44, 70, 60) }
```


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

```
.border{ border-color:rgb(44, 70, 60) }
```

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

Here you see how a box with a 4 pixel rgb(44, 70, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 70, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 70, 60);  
box-shadow:4px 4px 4px 4px rgb(44, 70, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0860, -0.5354, -14.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 70, 60) }
```

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

```
.background{ background-color: rgb(44, 70,  
60) }
```

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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