

Converting Colors

YUV(63.6140, -4.7397, -19.8325)

Have a look what the booklet for
YUV(63.6140, -4.7397, -19.8325)
contains.

YUV(63.6140, -4.7397, -19.8325)	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(63.6140, -4.7397,
-19.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	294D36
RGB	41, 77, 54
RGB Percent	16%, 30%, 21%
CMY	0.8392, 0.6980, 0.7882
CMYK	0.47, 0.00, 0.30, 0.70
HSL	142°, 31%, 23%
HSV	142°, 47%, 30%
XYZ	4.2342, 6.0455, 4.4338
YIQ	63.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

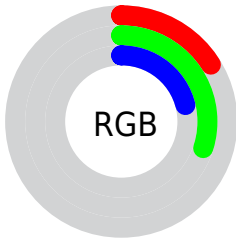
Format	Color
R_{YB}	41, 67, 77
Decimal	2706742
CIE Lab	29.53, -18.99, 9.69
CIE LCh	30, 21.318, 152.971
Yxy	6.0455, 0.2878, 0.4109
Android (android.graphics.Color)	4280896822 (0xFF294D36)
YUV	63.6140, -4.7397, -19.8325
Hunter-Lab	24.5876, -12.2892, 6.5199

Details

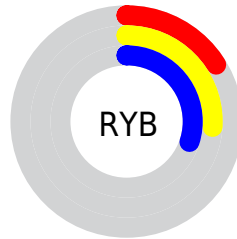
The YUV color **63.6140, -4.7397, -19.8325** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.3860, 4.7397, 19.8325**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7880, -5.3185, -20.8621**, and **20.5110, -5.1819, -17.9881** is the 20% darker color. If you saturate the color by 10%, you get **60.6520, -5.7444, -24.2508**, and if you desaturate by 10%, it is **66.5760, -3.7350, -15.4142**.

Distribution



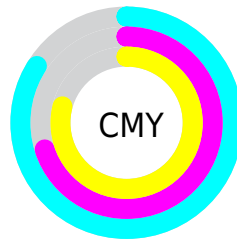
- Red (16%)
- Green (30%)
- Blue (21%)



- Red (16%)
- Yellow (26%)
- Blue (30%)



- Cyan (47%)
- Magenta (0%)
- Yellow (30%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6140, -4.7397, -19.8325 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 63.6140, -4.7397, -19.8325 by changing the saturation by 10% instead.

■ 63.6140, -4.7397,
-19.8325

■ 63.6140, -4.7397,
-19.8325

255.0000, 0.0000,
0.0000

■ 40.8420, -3.8661,
-20.0324

■ 111.7880, -5.3185,
-20.8621

■ 20.5110, -5.1819,
-17.9881

■ 137.6740, -5.7553,
-20.7621

■ 0.0000, 0.0000,
0.0000

■ 163.9620, -5.8973,
-21.8917

■ 191.4350, -6.6235,
-22.3065

■ 219.1360, -6.4760,
-22.9213

■ 242.7390, -4.3083,

-18.1881

253.5050, 0.7370,
-3.0739

63.6140, -4.7397,
-19.8325

63.6140, -4.7397,
-19.8325

60.6520, -5.7444,
-24.2508

66.5760, -3.7350,
-15.4142

57.9890, -6.8966,
-28.0544

69.2390, -2.5828,
-11.6106

55.0270, -7.9013,
-32.4727

72.2010, -1.5781,
-7.1923

52.0650, -8.9060,
-36.8910

75.1630, -0.5734,
-2.7740

49.4020, -10.0582,
-40.6946

78.1250, 0.4314,
1.6444

■ 48.3910, -10.0528,
-42.4389

■ 80.7880, 1.5835,
5.4479

■ 83.6360, 2.1515,
9.9662

■ 86.5980, 3.1562,
14.3846

■ 89.2610, 4.3083,
18.1881

Harmonies

Analogous

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



66.3510, -12.4980, -4.6928



63.6140, -4.7397, -19.8325



58.3650, 6.2291, -38.0311

Triad

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



63.6140, -4.7397, -19.8325



67.6570, 16.9311, -17.2392



69.8740, -8.8119, 26.4205

Complementary

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



63.6140, -4.7397, -19.8325



54.3860, 4.7397, 19.8325

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.



70.9370, -0.9549, 26.3653



63.6140, -4.7397, -19.8325



71.0400, 12.7983, 1.7189

Square

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



63.6140, -4.7397, -19.8325



59.1980, 19.6224, -40.5156



71.8310, 6.4923, 17.6882



69.0490, -14.3212, 20.1280

Rectangle

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



63.6140, -4.7397, -19.8325



55.1340, 13.2449, -48.3525



71.8310, 6.4923, 17.6882



70.2700, -6.0491, 26.9502

Sweetspot

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



63.6140, -4.7397, -19.8325



94.2010, -1.5781, -7.1923



69.0090, -13.8084, -4.3929



47.6250, -1.2941, -4.9331



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.6140, -4.7397, -19.8325



78.5650, -7.1805, -30.3135



65.6660, 3.1227, -21.6321



36.5760, -0.2840, -2.2592



64.0920, -13.3564, -56.2087



144.4720, -30.3057, -126.7019

Inverse Universe

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



54.3860, 4.7397, 19.8325



64.4350, 7.1805, 30.3135



52.3340, -3.1227, 21.6321



35.5380, 0.7208, 2.1592



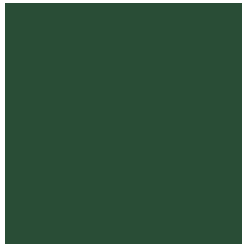
37.9080, 13.3564, 56.2087



85.5280, 30.3057, 126.7019

Previews

White Background



This preview shows how the YUV color 63.6140, -4.7397, -19.8325 looks on a white background.

Color Contrast Check

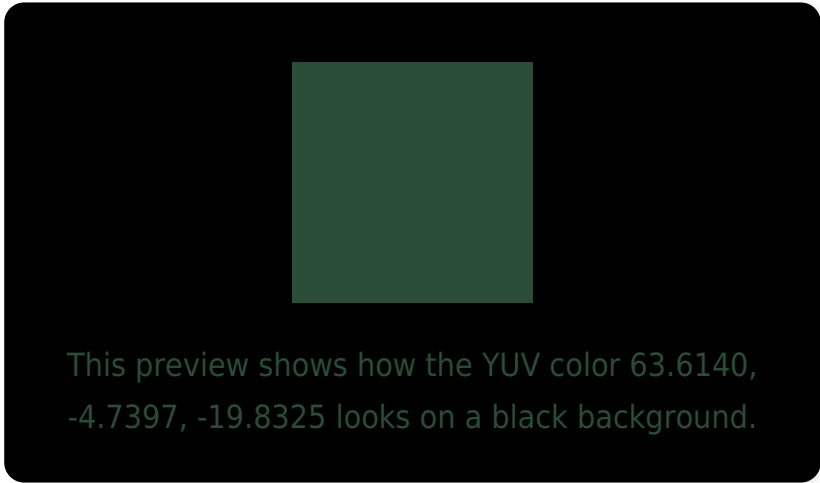
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6140, -4.7397, -19.8325

Background



This preview shows how black text looks on a background with the YUV color 63.6140, -4.7397, -19.8325.



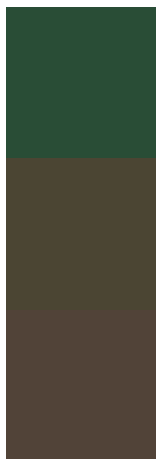
This preview shows how white text looks on a background with the YUV color 63.6140, -4.7397, -19.8325.

-19.8325.

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

63.6140, -4.7397, -19.8325

Protanopia

68.7420, -8.7468, 5.4883

Deuteranopia

69.9320, -6.8685, 9.7066



Tritanopia

66.6110, 6.6008, -17.1988

Trichromacy



Original Color

63.6140, -4.7397, -19.8325

Protanomaly

67.0290, -7.4093, -3.5334

Deuteranomaly

67.6810, -6.2517, -1.4742

Tritanomaly

65.5740, 2.6750, -18.0434

Monochromacy



Original Color

63.6140, -4.7397, -19.8325

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0870, -2.0149, -7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6140, -4.7397, -19.8325 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, 77, 54)` looks like.

```
.text, #text, p{  
    color:rgb(41, 77, 54)  
}
```

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, 77, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 77, 54) }
```

Border

The CSS property to change the border of an element to YUV 63.6140, -4.7397, -19.8325 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, 77, 54) }
```


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

```
.border{ border-color:rgb(41, 77, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 77, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 77, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 77, 54);  
box-shadow:4px 4px 4px 4px rgb(41, 77, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.6140, -4.7397, -19.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 77, 54) }
```

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

```
.background{ background-color: rgb(41, 77,  
54) }
```

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