

Converting Colors

YUV(71.6040, -6.2138, -13.6847)

Have a look what the booklet for
YUV(71.6040, -6.2138, -13.6847)
contains.

YUV(71.6040, -6.2138, -13.6847)	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(71.6040, -6.2138,
-13.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	38523B
RGB	56, 82, 59
RGB Percent	22%, 32%, 23%
CMY	0.7804, 0.6784, 0.7686
CMYK	0.32, 0.00, 0.28, 0.68
HSL	127°, 19%, 27%
HSV	127°, 32%, 32%
XYZ	5.4376, 7.1911, 5.2391
YIQ	71.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

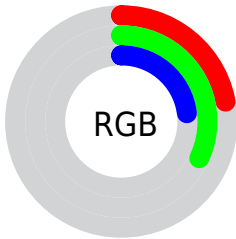
Format	Color
RYB	56, 79, 82
Decimal	3691067
CIELab	32.24, -15.26, 10.43
CIELCh	32, 18.483, 145.664
Yxy	7.1911, 0.3043, 0.4025
Android (android.graphics.Color)	4281881147 (0xFF38523B)
YUV	71.6040, -6.2138, -13.6847
Hunter-Lab	26.8162, -10.7335, 7.1878

Details

The YUV color **71.6040, -6.2138, -13.6847** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.3960, 6.2138, 13.6847**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6640, -7.2294, -14.6143**, and **27.2450, -5.0508, -13.3699** is the 20% darker color. If you saturate the color by 10%, you get **68.4140, -8.0921, -17.9031**, and if you desaturate by 10%, it is **74.7940, -4.3354, -9.4663**.

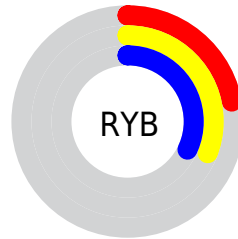
Distribution



 Red (22%)

 Green (32%)

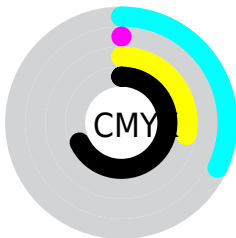
 Blue (23%)



 Red (22%)

 Yellow (31%)

 Blue (32%)

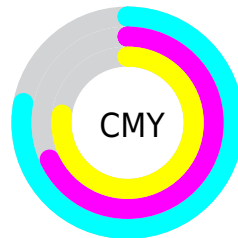


 Cyan (32%)

 Magenta (0%)

 Yellow (28%)

 Black (68%)



 Cyan (78%)

 Magenta (68%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6040, -6.2138, -13.6847 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 71.6040, -6.2138, -13.6847 by changing the saturation by 10% instead.

■ 71.6040, -6.2138,
-13.6847

■ 71.6040, -6.2138,
-13.6847

255.0000, 0.0000,
0.0000

■ 49.0170, -5.9244,
-13.1699

■ 120.6640, -7.2294,
-14.6143

■ 27.2450, -5.0508,
-13.3699

■ 146.3650, -7.0819,
-15.2291

■ 8.8050, -4.3409,
-7.7220

■ 172.9520, -7.3713,
-15.7439

■ 0.0000, 0.0000,
0.0000

■ 199.9520, -7.3713,
-15.7439

■ 228.4250, -8.0975,
-16.1587

■ 248.3210, -3.6093,

-9.0515

■ 71.6040, -6.2138,
-13.6847

■ 71.6040, -6.2138,
-13.6847

■ 68.4140, -8.0921,
-17.9031

■ 74.7940, -4.3354,
-9.4663

■ 65.1100, -10.4072,
-22.0215

■ 78.0980, -2.0203,
-5.3479

■ 61.6210, -12.1382,
-26.8546

■ 81.5870, -0.2894,
-0.5148

■ 58.4310, -14.0165,
-31.0730

■ 84.7770, 1.5889,
3.7036

■ 55.2410, -15.8948,
-35.2914

■ 87.9670, 3.4673,
7.9219

■ 51.9370, -18.2099,
-39.4097

■ 91.2710, 5.7824,
12.0403

■ 49.1600, -19.7989,
-43.1133

■ 94.4610, 7.6607,
16.2587

■ 97.9500, 9.3917,
21.0919

■ 101.1400, 11.2700,
25.3102

Harmonies

Analogous

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



73.7860, -12.2195, -0.6893



71.6040, -6.2138, -13.6847



69.2910, 1.8285, -26.5652

Triad

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



71.6040, -6.2138, -13.6847



73.6030, 15.4787, -18.0688



77.1340, -6.4751, 23.5615

Complementary

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



71.6040, -6.2138, -13.6847



66.3960, 6.2138, 13.6847

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.



77.6590, 0.6611, 21.3471



71.6040, -6.2138, -13.6847



76.9040, 12.3723, -1.6698

Square

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



71.6040, -6.2138, -13.6847



68.9880, 14.7959, -32.4385



77.9120, 6.9454, 12.3552



76.0320, -11.8478, 20.1429

Rectangle

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



71.6040, -6.2138, -13.6847



67.4410, 7.6706, -33.7128



77.9120, 6.9454, 12.3552



77.4160, -4.1491, 24.1912

Sweetspot

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



71.6040, -6.2138, -13.6847



102.6850, -2.3097, -5.8627



78.1390, -10.9145, 0.7551



51.2230, -1.5889, -3.7036



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



71.6040, -6.2138, -13.6847



90.6370, -9.6810, -21.6066



73.0860, -0.5354, -14.9844



39.3480, -1.1576, -2.0592



63.0030, -25.1445, -55.2536



139.2620, -55.3452, -122.1328

Inverse Universe

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



66.3960, 6.2138, 13.6847



82.3630, 9.6810, 21.6066



64.9140, 0.5354, 14.9844



38.5380, 0.7208, 2.1592



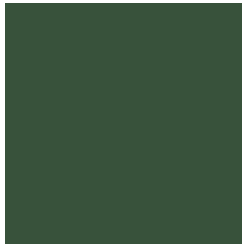
41.8830, 24.7077, 55.3536



92.7380, 55.3452, 122.1328

Previews

White Background



This preview shows how the YUV color 71.6040, -6.2138, -13.6847 looks on a white background.

Color Contrast Check

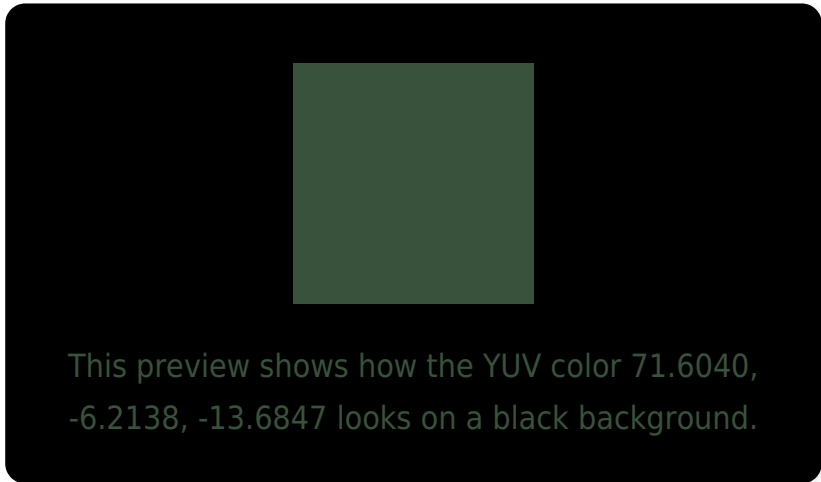
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.6040, -6.2138, -13.6847

Background



This preview shows how black text looks on a background with the YUV color 71.6040, -6.2138, -13.6847.



This preview shows how white text looks on a background with the YUV color 71.6040, -6.2138, -13.6847.

-13.6847.

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

71.6040, -6.2138, -13.6847

Protanopia

75.2150, -9.4730, 5.0734

Deuteranopia

76.1170, -7.4527, 10.4214



Tritanopia

74.3020, 5.2741, -11.6659

Trichromacy



Original Color

71.6040, -6.2138, -13.6847

Protanomaly

73.8120, -8.2883, -1.5891

Deuteranomaly

74.1760, -6.9888, 1.5996

Tritanomaly

73.2650, 1.3484, -12.5104

Monochromacy



Original Color

71.6040, -6.2138, -13.6847

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6040, -6.2138, -13.6847 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(56, 82, 59)` looks like.

```
.text, #text, p{  
    color:rgb(56, 82, 59)  
}
```

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(56, 82, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 82, 59) }
```

Border

The CSS property to change the border of an element to YUV 71.6040, -6.2138, -13.6847 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(56, 82, 59) }
```


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

```
.border{ border-color:rgb(56, 82, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 82, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 82, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 82, 59);  
box-shadow:4px 4px 4px 4px rgb(56, 82, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6040, -6.2138, -13.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 82, 59) }
```

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

```
.background{ background-color: rgb(56, 82,  
59) }
```

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