

Converting Colors

YUV(36.0440, -3.4727, -6.1776)

Have a look what the booklet for
YUV(36.0440, -3.4727, -6.1776)
contains.

YUV(36.0440, -3.4727, -6.1776)	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(36.0440, -3.4727,
-6.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	1D291D
RGB	29, 41, 29
RGB Percent	11%, 16%, 11%
CMY	0.8863, 0.8392, 0.8863
CMYK	0.29, 0.00, 0.29, 0.84
HSL	120°, 17%, 14%
HSV	120°, 29%, 16%
XYZ	1.5214, 1.9358, 1.4559
YIQ	36.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

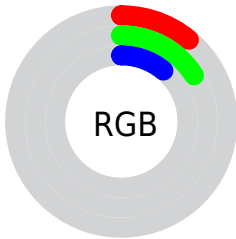
Format	Color
RYB	29, 41, 41
Decimal	1911069
CIELab	15.15, -8.24, 6.23
CIElCh	15, 10.333, 142.911
Yxy	1.9358, 0.3097, 0.3940
Android (android.graphics.Color)	4280101149 (0xFF1D291D)
YUV	36.0440, -3.4727, -6.1776
Hunter-Lab	13.9133, -4.8295, 3.5353

Details

The YUV color **36.0440, -3.4727, -6.1776** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.9560, 3.4727, 6.1776**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6310, -3.7621, -6.6924**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.3920, -4.6303, -8.2368**, and if you desaturate by 10%, it is **37.6960, -2.3151, -4.1184**.

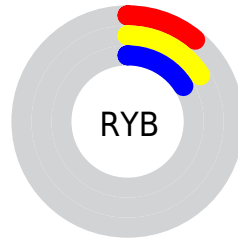
Distribution



Red (11%)

Green (16%)

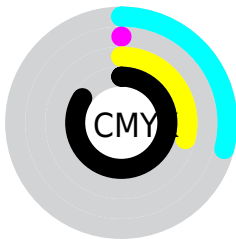
Blue (11%)



Red (11%)

Yellow (16%)

Blue (16%)

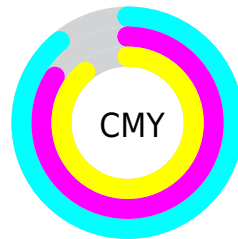


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (84%)



Cyan (89%)

Magenta (84%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0440, -3.4727, -6.1776 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 36.0440, -3.4727, -6.1776 by changing the saturation by 10% instead.

■ 36.0440, -3.4727,
-6.1776

■ 36.0440, -3.4727,
-6.1776

255.0000, 0.0000,
0.0000

■ 13.8650, -5.3564,
-8.6516

■ 80.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 105.1040, -4.4883,
-7.1072

■ 130.1040, -4.4883,
-7.1072

■ 155.8050, -4.3409,
-7.7220

■ 182.6910, -4.7777,
-7.6220

■ 210.3920, -4.6303,

-8.2368

■ 238.3920, -4.6303,
-8.2368

■ 36.0440, -3.4727,
-6.1776

■ 36.0440, -3.4727,
-6.1776

■ 34.3920, -4.6303,
-8.2368

■ 37.6960, -2.3151,
-4.1184

■ 32.7400, -5.7878,
-10.2960

■ 39.3480, -1.1576,
-2.0592

■ 31.0880, -6.9454,
-12.3552

■ 41.0000, 0.0000,
0.0000

■ 29.4360, -8.1029,
-14.4144

■ 42.6520, 1.1576,
2.0592

■ 27.3710, -9.5499,
-16.9884

■ 44.3040, 2.3151,
4.1184

■ 25.7190, -10.7075,
-19.0476

■ 46.3690, 3.7621,
6.6924

■ 24.0670, -11.8650,
-21.1068

■ 48.0210, 4.9196,
8.7516

■ 49.6730, 6.0772,
10.8108

■ 51.3250, 7.2348,
12.8700

Harmonies

Analogous

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



36.6920, -6.2572, 0.2701



36.0440, -3.4727, -6.1776



35.0370, 0.4748, -12.3104

Triad

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



36.0440, -3.4727, -6.1776



36.5950, 7.5947, -9.2918



38.9800, -2.9481, 12.2955

Complementary

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



36.0440, -3.4727, -6.1776



33.9560, 3.4727, 6.1776

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.



39.1800, 0.4043, 10.3661



36.0440, -3.4727, -6.1776



38.5960, 6.1152, -1.3997

Square

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



36.0440, -3.4727, -6.1776



34.7360, 7.0322, -15.5545



39.0700, 3.9095, 6.0776



38.5730, -5.7055, 10.0215

Rectangle

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



36.0440, -3.4727, -6.1776



34.4110, 3.2484, -15.2694



39.0700, 3.9095, 6.0776



39.2080, -2.0745, 12.0956

Sweetspot

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



36.0440, -3.4727, -6.1776



51.9350, -1.4470, -2.5740



39.6320, -5.2416, 1.1997



26.7610, -0.8682, -1.5444



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



36.0440, -3.4727, -6.1776



46.1530, -5.4984, -9.7812



36.7280, -0.8519, -6.7775



19.1740, -0.5788, -1.0296



49.3080, -24.3088, -43.2431



124.4440, -61.3509, -109.1374

Inverse Universe

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



33.9560, 3.4727, 6.1776



42.8470, 5.4984, 9.7812



33.2720, 0.8519, 6.7775



18.8260, 0.5788, 1.0296



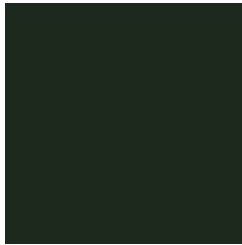
34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 36.0440, -3.4727, -6.1776 looks on a white background.

Color Contrast Check

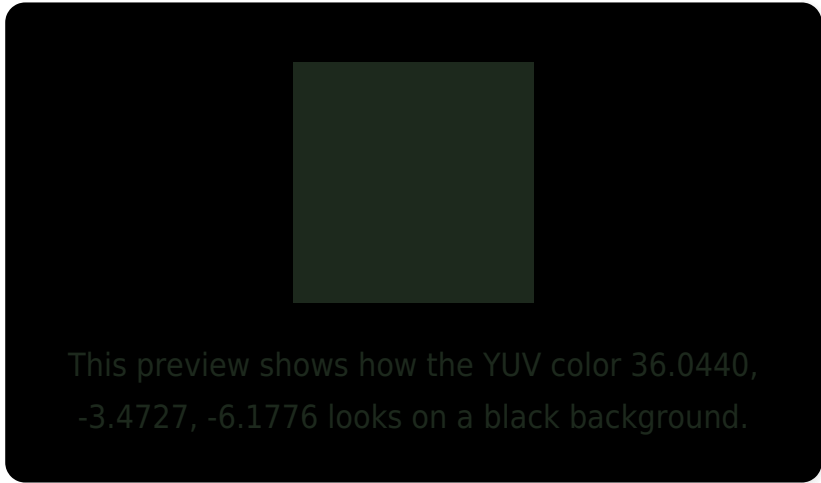
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0440, -3.4727, -6.1776

Background



This preview shows how black text looks on a background with the YUV color 36.0440, -3.4727, -6.1776.



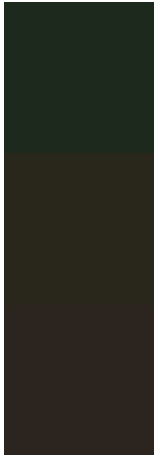
This preview shows how white text looks on a background with the YUV color 36.0440, -3.4727, -6.1776.

-6.1776.

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

36.0440, -3.4727, -6.1776

Protanopia

37.7570, -4.8102, 2.8441

Deuteranopia

37.7080, -3.8000, 5.5181



Tritanopia

36.9500, 2.4896, -5.2182

Trichromacy



Original Color

36.0440, -3.4727, -6.1776

Protanomaly

37.1480, -4.5100, -0.1298

Deuteranomaly

37.3870, -3.6418, 1.4146

Tritanomaly

36.6680, 0.1637, -5.8478

Monochromacy



Original Color

36.0440, -3.4727, -6.1776

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0440, -3.4727, -6.1776 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(29, 41, 29)` looks like.

```
.text, #text, p{  
    color:rgb(29, 41, 29)  
}
```

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(29, 41, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 41, 29) }
```

Border

The CSS property to change the border of an element to YUV 36.0440, -3.4727, -6.1776 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(29, 41, 29) }
```


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

```
.border{ border-color:rgb(29, 41, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 41, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 41, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 41, 29);  
box-shadow:4px 4px 4px 4px rgb(29, 41, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.0440, -3.4727, -6.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 41, 29) }
```

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

```
.background{ background-color: rgb(29, 41,  
29) }
```

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