

Converting Colors

YUV(32.0440, -3.4727, -6.1776)

Have a look what the booklet for
YUV(32.0440, -3.4727, -6.1776)
contains.

YUV(32.0440, -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(32.0440, -3.4727,
-6.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	192519
RGB	25, 37, 25
RGB Percent	10%, 15%, 10%
CMY	0.9020, 0.8549, 0.9020
CMYK	0.32, 0.00, 0.32, 0.85
HSL	120°, 19%, 12%
HSV	120°, 32%, 15%
XYZ	1.2379, 1.6000, 1.1633
YIQ	32.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

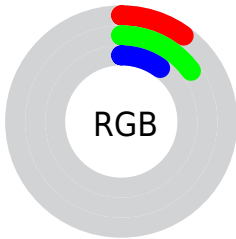
Format	Color
RYB	25, 37, 37
Decimal	1647897
CIELab	13.23, -8.35, 6.35
CIELCh	13, 10.490, 142.763
Yxy	1.6000, 0.3094, 0.3999
Android (android.graphics.Color)	4279837977 (0xFF192519)
YUV	32.0440, -3.4727, -6.1776
Hunter-Lab	12.6491, -4.6665, 3.4017

Details

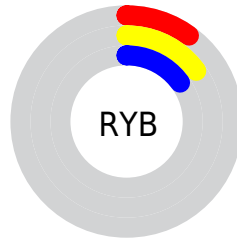
The YUV color **32.0440, -3.4727, -6.1776** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29.9560, 3.4727, 6.1776**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.2180, -4.0515, -7.2072**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.3920, -4.6303, -8.2368**, and if you desaturate by 10%, it is **33.6960, -2.3151, -4.1184**.

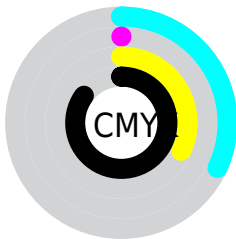
Distribution



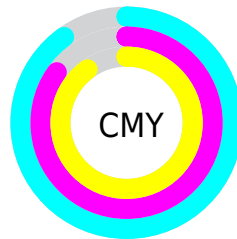
- Red (10%)
- Green (15%)
- Blue (10%)



- Red (10%)
- Yellow (15%)
- Blue (15%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (85%)



- Cyan (90%)
- Magenta (85%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.0440, -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 32.0440, -3.4727, -6.1776 by changing the saturation by 10% instead.

■ 32.0440, -3.4727,
-6.1776

■ 32.0440, -3.4727,
-6.1776

■ 254.0600, -1.0156,
-0.9296

■ 9.3920, -4.6303,
-8.2368

■ 76.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 100.1040, -4.4883,
-7.1072

■ 125.1040, -4.4883,
-7.1072

■ 150.8050, -4.3409,
-7.7220

■ 177.6910, -4.7777,
-7.6220

■ 205.2780, -5.0671,

-8.1368

■ 233.2780, -5.0671,
-8.1368

■ 32.0440, -3.4727,
-6.1776

■ 32.0440, -3.4727,
-6.1776

■ 30.3920, -4.6303,
-8.2368

■ 33.6960, -2.3151,
-4.1184

■ 29.1530, -5.4984,
-9.7812

■ 34.9350, -1.4470,
-2.5740

■ 27.5010, -6.6560,
-11.8404

■ 36.5870, -0.2894,
-0.5148

■ 25.8490, -7.8136,
-13.8996

■ 38.2390, 0.8682,
1.5444

■ 24.1970, -8.9711,
-15.9588

■ 39.8910, 2.0257,
3.6036

■ 22.9580, -9.8393,
-17.5032

■ 41.1300, 2.8939,
5.1480

■ 21.7190, -10.7075,
-19.0476

■ 42.7820, 4.0515,
7.2072

■ 44.4340, 5.2090,
9.2664

■ 45.6730, 6.0772,
10.8108

Harmonies

Analogous

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



32.6920, -6.2572, 0.2701



32.0440, -3.4727, -6.1776



31.0370, 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.



32.0440, -3.4727, -6.1776



32.5950, 7.5947, -9.2918



34.9800, -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.



32.0440, -3.4727, -6.1776



29.9560, 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.



35.1800, 0.4043, 10.3661



32.0440, -3.4727, -6.1776



34.5960, 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.



32.0440, -3.4727, -6.1776



30.4370, 7.1796, -16.1692



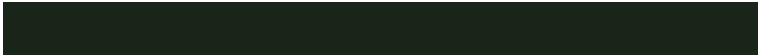
35.0700, 3.9095, 6.0776



34.5730, -5.7055, 10.0215

Rectangle

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



32.0440, -3.4727, -6.1776



30.1120, 3.3958, -15.8842



35.0700, 3.9095, 6.0776



35.2080, -2.0745, 12.0956

Sweetspot

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



32.0440, -3.4727, -6.1776



46.3480, -1.1576, -2.0592



35.6320, -5.2416, 1.1997



24.3480, -1.1576, -2.0592



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.0440, -3.4727, -6.1776



40.5660, -5.2090, -9.2664



32.7280, -0.8519, -6.7775



17.1740, -0.5788, -1.0296



48.1340, -23.7301, -42.2135



122.6830, -60.4827, -107.5930

Inverse Universe

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



29.9560, 3.4727, 6.1776



37.4340, 5.2090, 9.2664



29.2720, 0.8519, 6.7775



16.8260, 0.5788, 1.0296



33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 32.0440, -3.4727, -6.1776 looks on a white background.

Color Contrast Check

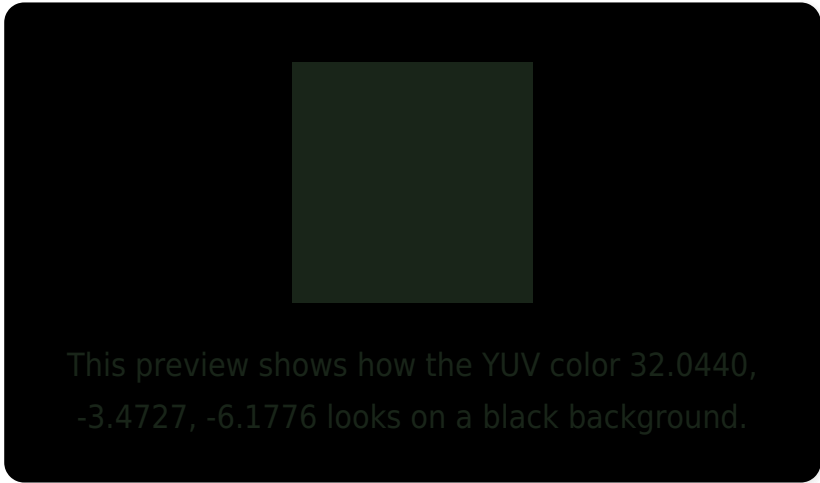
Large Text (above 18pt) WCAG AA ✓ Pass

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

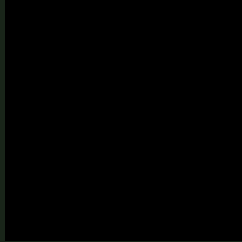
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.0440, -3.4727, -6.1776

Background



This preview shows how black text looks on a background with the YUV color 32.0440, -3.4727, -6.1776.



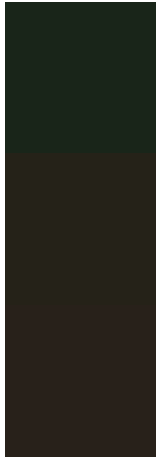
This preview shows how white text looks on a background with the YUV color 32.0440, -3.4727, -6.1776.

-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

32.0440, -3.4727, -6.1776

Protanopia

33.7570, -4.8102, 2.8441

Deuteranopia

34.2950, -4.0894, 5.0033



Tritanopia

32.9500, 2.4897, -5.2181

Trichromacy



Original Color

32.0440, -3.4727, -6.1776

Protanomaly

33.1480, -4.5100, -0.1298

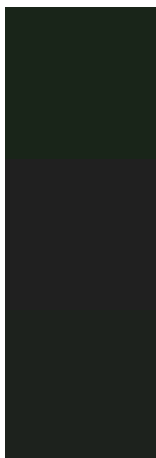
Deuteranomaly

33.3870, -3.6418, 1.4146

Tritanomaly

32.6680, 0.1637, -5.8478

Monochromacy



Original Color

32.0440, -3.4727, -6.1776

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.0440, -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(25, 37, 25)` looks like.

```
.text, #text, p{  
    color:rgb(25, 37, 25)  
}
```

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(25, 37, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 37, 25) }
```

Border

The CSS property to change the border of an element to YUV 32.0440, -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(25, 37, 25) }
```


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

```
.border{ border-color:rgb(25, 37, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 37, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 37, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 37, 25);  
box-shadow:4px 4px 4px 4px rgb(25, 37, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.0440, -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(25, 37, 25) }
```

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

```
.background{ background-color: rgb(25, 37,  
25) }
```

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