

Converting Colors

YUV(40.3920, -4.6303, -8.2368)

Have a look what the booklet for
YUV(40.3920, -4.6303, -8.2368)
contains.

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Color

**YUV(40.3920, -4.6303,
-8.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2F1F
RGB	31, 47, 31
RGB Percent	12%, 18%, 12%
CMY	0.8784, 0.8157, 0.8784
CMYK	0.34, 0.00, 0.34, 0.82
HSL	120°, 21%, 15%
HSV	120°, 34%, 18%
XYZ	1.8289, 2.4233, 1.6677
YIQ	40.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

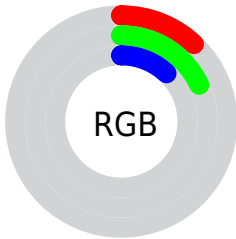
Format	Color
RYB	31, 47, 47
Decimal	2043679
CIELab	17.57, -10.70, 8.21
CIELCh	18, 13.489, 142.523
Yxy	2.4233, 0.3089, 0.4093
Android (android.graphics.Color)	4280233759 (0xFF1F2F1F)
YUV	40.3920, -4.6303, -8.2368
Hunter-Lab	15.5668, -6.2704, 4.5451

Details

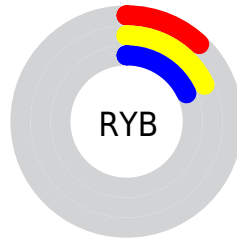
The YUV color **40.3920, -4.6303, -8.2368** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **37.6080, 4.6303, 8.2368**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.5660, -5.2090, -9.2664**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.3270, -6.0772, -10.8108**, and if you desaturate by 10%, it is **42.4570, -3.1833, -5.6628**.

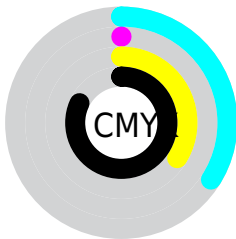
Distribution



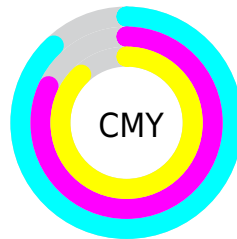
- Red (12%)
- Green (18%)
- Blue (12%)



- Red (12%)
- Yellow (18%)
- Blue (18%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (82%)



- Cyan (88%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.3920, -4.6303, -8.2368 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 40.3920, -4.6303, -8.2368 by changing the saturation by 10% instead.

■ 40.3920, -4.6303,
-8.2368

■ 40.3920, -4.6303,
-8.2368

255.0000, 0.0000,
0.0000

■ 19.3380, -6.0826,
-9.0664

■ 85.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 110.1530, -5.4984,
-9.7812

■ 135.4520, -5.6458,
-9.1664

■ 161.6260, -6.2246,
-10.1960

■ 188.6260, -6.2246,
-10.1960

■ 216.6260, -6.2246,

-10.1960

■ 245.2130, -6.5140,
-10.7108

■ 40.3920, -4.6303,
-8.2368

■ 40.3920, -4.6303,
-8.2368

■ 38.3270, -6.0772,
-10.8108

■ 42.4570, -3.1833,
-5.6628

■ 36.6750, -7.2348,
-12.8700

■ 44.1090, -2.0257,
-3.6036

■ 34.6100, -8.6817,
-15.4440

■ 46.1740, -0.5788,
-1.0296

■ 32.5450, -10.1287,
-18.0180

■ 48.2390, 0.8682,
1.5444

■ 30.4800, -11.5756,
-20.5920

■ 50.3040, 2.3151,
4.1184

■ 28.8280, -12.7332,
-22.6512

■ 51.9560, 3.4727,
6.1776

■ 27.5890, -13.6014,
-24.1956

■ 54.0210, 4.9196,
8.7516

■ 56.0860, 6.3666,
11.3256

■ 57.7380, 7.5242,
13.3848

Harmonies

Analogous

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



41.8230, -8.2937, 0.1552



40.3920, -4.6303, -8.2368



38.4170, 0.7804, -17.0287

Triad

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



40.3920, -4.6303, -8.2368



41.2570, 10.2263, -13.3804



43.7740, -3.8326, 15.9842

Complementary

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



40.3920, -4.6303, -8.2368



37.6080, 4.6303, 8.2368

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.



44.3160, 0.8302, 13.7549



40.3920, -4.6303, -8.2368



43.2800, 8.7360, -1.9996

Square

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



40.3920, -4.6303, -8.2368



37.4900, 10.1114, -23.2317



44.4230, 5.2145, 7.5220



43.1390, -7.4635, 13.9101

Rectangle

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



40.3920, -4.6303, -8.2368



37.1220, 4.8699, -22.0320



44.4230, 5.2145, 7.5220



44.1160, -2.5222, 15.6843

Sweetspot

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



40.3920, -4.6303, -8.2368



58.5220, -1.7363, -3.0888



45.1760, -6.9888, 1.5996



29.3480, -1.1576, -2.0592



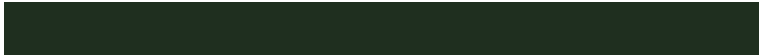
158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



40.3920, -4.6303, -8.2368



50.6750, -7.2348, -12.8700



41.3040, -1.1359, -9.0366



22.1740, -0.5788, -1.0296



51.0690, -25.1770, -44.7875



125.6180, -61.9297, -110.1670

Inverse Universe

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



37.6080, 4.6303, 8.2368



46.3250, 7.2348, 12.8700



36.6960, 1.1359, 9.0366



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 40.3920, -4.6303, -8.2368 looks on a white background.

Color Contrast Check

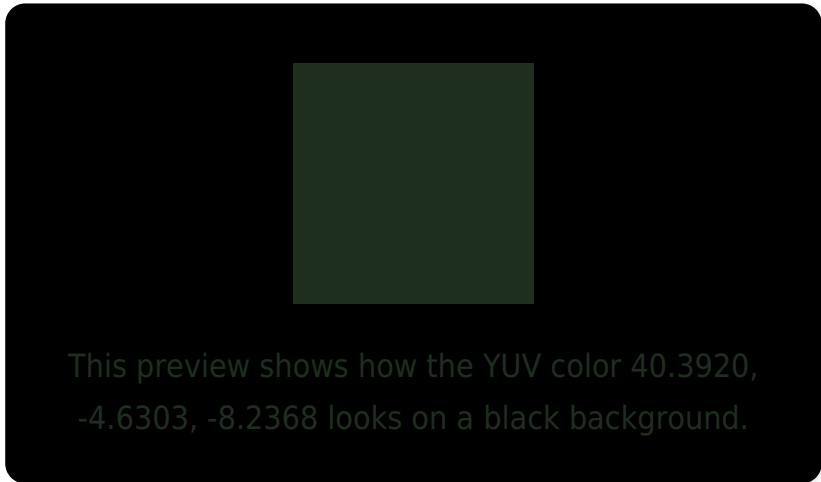
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3920, -4.6303, -8.2368

Background



This preview shows how black text looks on a background with the YUV color 40.3920, -4.6303, -8.2368.



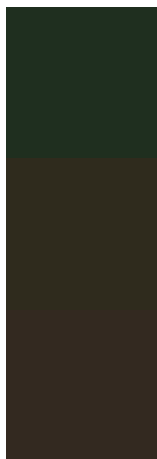
This preview shows how white text looks on a background with the YUV color 40.3920, -4.6303, -8.2368.

-8.2368.

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

40.3920, -4.6303, -8.2368

Protanopia

42.6000, -6.7048, 3.8588

Deuteranopia

42.9640, -5.4053, 7.0476



Tritanopia

42.0530, 2.9319, -7.0625

Trichromacy



Original Color

40.3920, -4.6303, -8.2368

Protanomaly

41.5070, -5.6730, -0.4446

Deuteranomaly

42.0450, -4.9522, 1.7145

Tritanomaly

41.6570, 0.1691, -7.5922

Monochromacy



Original Color

40.3920, -4.6303, -8.2368

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.5220, -1.7363, -3.0888

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3920, -4.6303, -8.2368 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(31, 47, 31)` looks like.

```
.text, #text, p{  
    color:rgb(31, 47, 31)  
}
```

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(31, 47, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 47, 31) }
```

Border

The CSS property to change the border of an element to YUV 40.3920, -4.6303, -8.2368 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(31, 47, 31) }
```


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

```
.border{ border-color:rgb(31, 47, 31) }
```

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

Here you see how a box with a 4 pixel rgb(31, 47, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 47, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 47, 31);  
box-shadow:4px 4px 4px 4px rgb(31, 47, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.3920, -4.6303, -8.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 47, 31) }
```

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

```
.background{ background-color: rgb(31, 47,  
31) }
```

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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