

Converting Colors

YUV(32.0340, -8.3978, -13.1848)

Have a look what the booklet for
YUV(32.0340, -8.3978, -13.1848)
contains.

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Color

**YUV(32.0340, -8.3978,
-13.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	112B0F
RGB	17, 43, 15
RGB Percent	7%, 17%, 6%
CMY	0.9333, 0.8314, 0.9412
CMYK	0.60, 0.00, 0.65, 0.83
HSL	116°, 48%, 11%
HSV	116°, 65%, 17%
XYZ	1.1813, 1.8814, 0.7528
YIQ	32.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

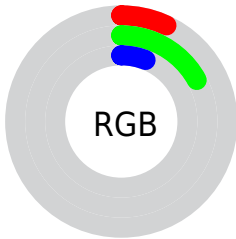
Format	Color
RYB	15, 43, 41
Decimal	1125135
CIELab	14.85, -17.17, 14.84
CIELCh	15, 22.691, 139.159
Yxy	1.8814, 0.3096, 0.4931
Android (android.graphics.Color)	4279315215 (0xFF112B0F)
YUV	32.0340, -8.3978, -13.1848
Hunter-Lab	13.7165, -8.6313, 6.3474

Details

The YUV color **32.0340, -8.3978, -13.1848** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.9660, 8.3978, 13.1848**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3930, -9.5607, -13.4997**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.3820, -9.5553, -15.2440**, and if you desaturate by 10%, it is **33.6860, -7.2402, -11.1256**.

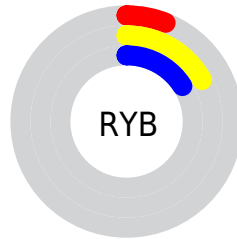
Distribution



Red (7%)

Green (17%)

Blue (6%)



Red (6%)

Yellow (17%)

Blue (16%)

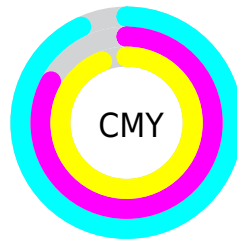


Cyan (60%)

Magenta (0%)

Yellow (65%)

Black (83%)



Cyan (93%)

Magenta (83%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.0340, -8.3978, -13.1848 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 32.0340, -8.3978, -13.1848 by changing the saturation by 10% instead.

■ 32.0340, -8.3978,
-13.1848

■ 32.0340, -8.3978,
-13.1848

■ 250.4850, -5.6621,
-3.9333

■ 14.0880, -6.9454,
-12.3552

■ 77.3930, -9.5607,
-13.4997

■ 0.0000, 0.0000,
0.0000

■ 100.9800, -9.8501,
-14.0145


■ 126.4530,
-10.5763, -14.4293


■ 152.3390,
-11.0131, -14.3293


■ 179.5130,
-11.5919, -15.3589


■ 206.5130,


-11.5919, -15.3589


 235.1000,
-11.8813, -15.8737


 32.0340, -8.3978,
-13.1848


 32.0340, -8.3978,
-13.1848


 30.3820, -9.5553,
-15.2440


 33.6860, -7.2402,
-11.1256


 28.6160, -11.1497,
-17.2032


 35.4520, -5.6458,
-9.1664

 26.9640, -12.3073,
-19.2624

 37.1040, -4.4883,
-7.1072

 26.1380, -12.8860,
-20.2920

 38.7560, -3.3307,
-5.0480

 40.5220, -1.7363,
-3.0888

■ 42.1740, -0.5788,
-1.0296

■ 43.8260, 0.5788,
1.0296

■ 45.4780, 1.7363,
3.0888

■ 47.2440, 3.3307,
5.0480

Harmonies

Analogous

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



34.5430, -17.0297, 2.1548



32.0340, -8.3978, -13.1848



29.9490, 0.5181, -26.2653

Triad

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



32.0340, -8.3978, -13.1848



31.9330, 18.2740, -28.0052



36.7260, -4.3019, 26.5503

Complementary

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



32.0340, -8.3978, -13.1848



25.9660, 8.3978, 13.1848

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.



37.3540, 3.2765, 22.4915



32.0340, -8.3978, -13.1848



36.9570, 15.3042, -8.7323

Square

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



32.0340, -8.3978, -13.1848



32.7820, 13.9115, -28.7498



38.8840, 9.4242, 10.6257



36.3420, -12.0006, 22.5021

Rectangle

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



32.0340, -8.3978, -13.1848



31.2030, 5.3229, -27.3650



38.8840, 9.4242, 10.6257



36.9970, -1.9705, 25.4356

Sweetspot

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



32.0340, -8.3978, -13.1848



51.7560, -3.3307, -5.0480



38.6340, -11.6516, 3.8290



25.4080, -2.1731, -2.9888



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.



32.0340, -8.3978, -13.1848



38.7250, -13.1754, -20.8068



32.8040, -2.8614, -15.6141



19.4730, -0.7262, -0.4148



51.1020, -25.1933, -39.5545



128.9290, -63.5620, -99.9157

Inverse Universe

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



25.9660, 8.3978, 13.1848



29.2750, 13.1754, 20.8068



25.1960, 2.8614, 15.6141



18.8260, 0.5788, 1.0296



32.8980, 25.1933, 39.5545



83.0710, 63.5620, 99.9157

Previews

White Background



This preview shows how the YUV color 32.0340, -8.3978, -13.1848 looks on a white background.

Color Contrast Check

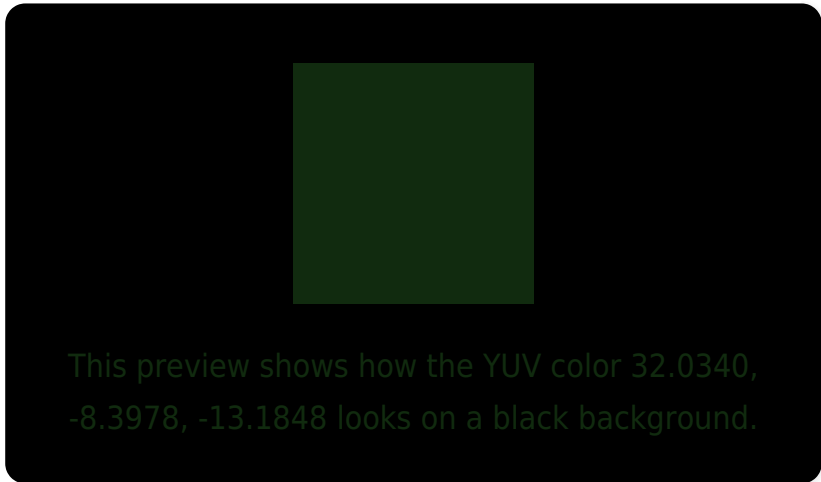
Large Text (above 18pt) WCAG AA ✓ Pass

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

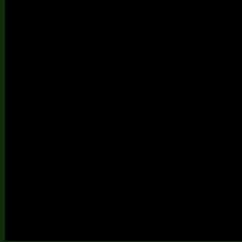
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.0340, -8.3978, -13.1848

Background



This preview shows how black text looks on a background with the YUV color 32.0340, -8.3978, -13.1848.



This preview shows how white text looks on a background with the YUV color 32.0340, -8.3978,

-13.1848.

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

32.0340, -8.3978, -13.1848

Protanopia

36.3460, -11.5096, 4.9586

Deuteranopia

36.8240, -9.7732, 8.0474



Tritanopia

35.5580, 3.6689, -10.1364

Trichromacy



Original Color

32.0340, -8.3978, -13.1848

Protanomaly

34.9430, -10.3249, -1.7040

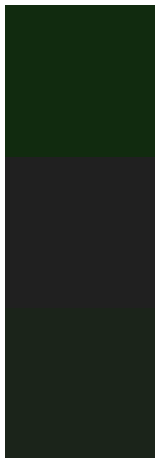
Deuteranomaly

35.1820, -9.4567, -0.1596

Tritanomaly

34.1080, -0.5462, -11.4957

Monochromacy



Original Color

32.0340, -8.3978, -13.1848

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1690, -3.0413, -4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.0340, -8.3978, -13.1848 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(17, 43, 15)` looks like.

```
.text, #text, p{  
    color:rgb(17, 43, 15)  
}
```

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(17, 43, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 43, 15) }
```

Border

The CSS property to change the border of an element to YUV 32.0340, -8.3978, -13.1848 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(17, 43, 15) }
```


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

```
.border{ border-color:rgb(17, 43, 15) }
```

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

Here you see how a box with a 4 pixel rgb(17, 43, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 43, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 43, 15);  
box-shadow:4px 4px 4px 4px rgb(17, 43, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.0340, -8.3978, -13.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 43, 15) }
```

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

```
.background{ background-color: rgb(17, 43,  
15) }
```

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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