

Converting Colors

YUV(51.3360, -16.4346, -2.0487)

Have a look what the booklet for
YUV(51.3360, -16.4346, -2.0487)
contains.

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Color

**YUV(51.3360, -16.4346,
-2.0487)**

Conversions

Conversions Part 1

Format	Color
Hex	313B12
RGB	49, 59, 18
RGB Percent	19%, 23%, 7%
CMY	0.8078, 0.7686, 0.9294
CMYK	0.17, 0.00, 0.69, 0.77
HSL	75°, 53%, 15%
HSV	75°, 69%, 23%
XYZ	2.9398, 3.8246, 1.1555
YIQ	51.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

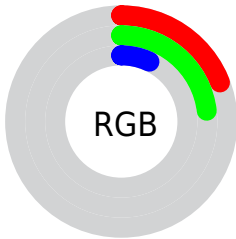
Format	Color
RYB	18, 59, 28
Decimal	3226386
CIELab	23.08, -11.51, 23.43
CIELCh	23, 26.107, 116.160
Yxy	3.8246, 0.3712, 0.4829
Android (android.graphics.Color)	4281416466 (0xFF313B12)
YUV	51.3360, -16.4346, -2.0487
Hunter-Lab	19.5565, -7.3915, 10.1863

Details

The YUV color **51.3360, -16.4346, -2.0487** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.6640, 16.4346, 2.0487**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.2930, -17.8924, -1.1340**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **50.3530, -18.9080, -2.0636**, and if you desaturate by 10%, it is **52.3190, -13.9613, -2.0338**.

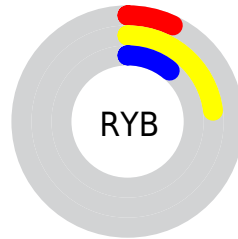
Distribution



Red (19%)

Green (23%)

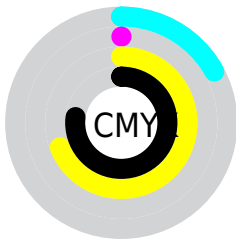
Blue (7%)



Red (7%)

Yellow (23%)

Blue (11%)

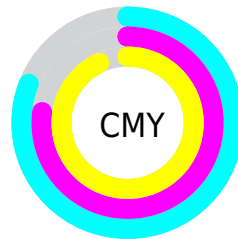


Cyan (17%)

Magenta (0%)

Yellow (69%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3360, -16.4346, -2.0487 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 51.3360, -16.4346, -2.0487 by changing the saturation by 10% instead.

■ 51.3360, -16.4346,
-2.0487

■ 51.3360, -16.4346,
-2.0487

■ 253.9740, -3.9312,
0.8998

■ 30.3900, -14.9823,
-1.2190

■ 98.2930, -17.8924,
-1.1340

■ 10.5660, -5.2090,
-9.2664

■ 123.1790,
-18.3292, -1.0340

■ 0.0000, 0.0000,
0.0000

■ 149.0650,
-18.7660, -0.9340


■ 175.8370,
-19.6396, -0.7340


■ 203.4240,
-19.9290, -1.2488


■ 231.6090,


-20.5132, -0.5341


 250.7820,
-16.1615, 3.6992


 51.3360, -16.4346,
-2.0487


 51.3360, -16.4346,
-2.0487


 50.3530, -18.9080,
-2.0636


 52.3190, -13.9613,
-2.0338


 49.0710, -21.2340,
-2.6933

 53.6010, -11.6353,
-1.4041

 48.0880, -23.7074,
-2.7082

 54.5840, -9.1619,
-1.3892

 55.8660, -6.8359,
-0.7595

 56.7350, -4.7994,
-0.6446

■ 58.0170, -2.4734,
-0.0149

■ 59.0000, 0.0000,
0.0000

■ 60.2820, 2.3260,
0.6297

■ 61.2650, 4.7994,
0.6446

Harmonies

Analogous

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



53.0390, -19.2462, 13.1208



51.3360, -16.4346, -2.0487



47.8050, -7.7919, -20.8770

Triad

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



51.3360, -16.4346, -2.0487



46.3120, 20.0592, -40.6156



55.5290, 1.2182, 29.3541

Complementary

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



51.3360, -16.4346, -2.0487



25.6640, 16.4346, 2.0487

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.



57.0420, 9.8393, 17.5032



51.3360, -16.4346, -2.0487



44.7620, 24.2743, -39.2563

Square

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



51.3360, -16.4346, -2.0487



45.7760, 12.9284, -40.1456



55.7450, 16.8877, -3.2844



54.5480, -7.6652, 31.9684

Rectangle

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



51.3360, -16.4346, -2.0487



42.6980, 1.1349, -37.4461



55.7450, 16.8877, -3.2844



56.0170, 4.4286, 26.2951

Sweetspot

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



51.3360, -16.4346, -2.0487



73.8660, -6.8359, -0.7595



36.1290, -8.9376, 20.0579



36.3760, -3.6364, -0.3298



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



51.3360, -16.4346, -2.0487



64.9200, -25.5966, -3.4378



45.3560, -13.4865, -14.3442



30.3590, -1.1630, -0.3148



76.4070, -37.6687, -4.7419



180.5460, -89.0092, -11.0028

Inverse Universe

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



25.6640, 16.4346, 2.0487



24.7810, 25.7440, 2.8231



31.6440, 13.4865, 14.3442



28.3420, 1.3104, -0.2999



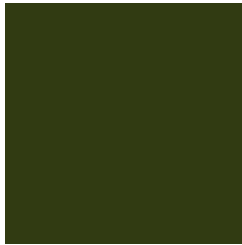
17.5930, 37.6687, 4.7419



41.4540, 89.0092, 11.0028

Previews

White Background



This preview shows how the YUV color 51.3360, -16.4346, -2.0487 looks on a white background.

Color Contrast Check

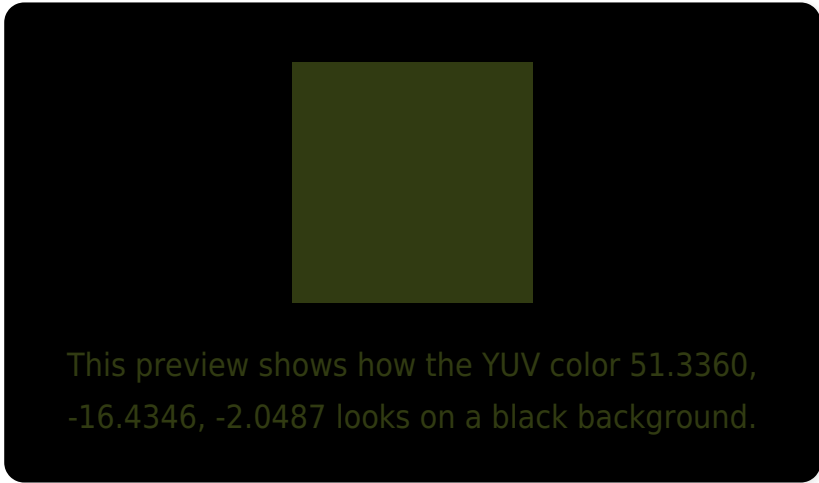
Large Text (above 18pt) WCAG AA ✓ Pass

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

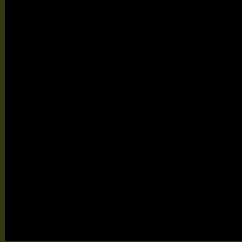
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.3360, -16.4346, -2.0487

Background



This preview shows how black text looks on a background with the YUV color 51.3360, -16.4346, -2.0487.



This preview shows how white text looks on a background with the YUV color 51.3360, -16.4346, -2.0487.

-2.0487.

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

51.3360, -16.4346, -2.0487

Protanopia

52.7610, -17.6302, 8.1026

Deuteranopia

53.4350, -16.4835, 13.6505



Tritanopia

54.8580, 2.0420, -1.6295

Trichromacy



Original Color

51.3360, -16.4346, -2.0487

Protanomaly

51.8530, -17.1825, 4.5139

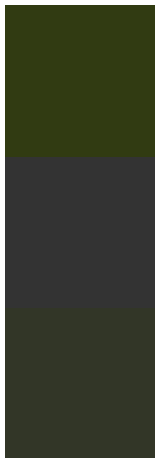
Deuteranomaly

52.9890, -16.7566, 7.9026

Tritanomaly

53.4360, -4.6519, -1.2594

Monochromacy



Original Color

51.3360, -16.4346, -2.0487

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3360, -16.4346, -2.0487 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(49, 59, 18)` looks like.

```
.text, #text, p{  
    color:rgb(49, 59, 18)  
}
```

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(49, 59, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 18) }
```

Border

The CSS property to change the border of an element to YUV 51.3360, -16.4346, -2.0487 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(49, 59, 18) }
```


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

```
.border{ border-color:rgb(49, 59, 18) }
```

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

Here you see how a box with a 4 pixel rgb(49, 59, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 59, 18);  
box-shadow:4px 4px 4px 4px rgb(49, 59, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.3360, -16.4346, -2.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 18) }
```

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

```
.background{ background-color: rgb(49, 59,  
18) }
```

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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