

Converting Colors

YUV(51.3380, -6.0826, -9.0664)

Have a look what the booklet for
YUV(51.3380, -6.0826, -9.0664)
contains.

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Color

**YUV(51.3380, -6.0826,
-9.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	293B27
RGB	41, 59, 39
RGB Percent	16%, 23%, 15%
CMY	0.8392, 0.7686, 0.8471
CMYK	0.31, 0.00, 0.34, 0.77
HSL	114°, 20%, 19%
HSV	114°, 34%, 23%
XYZ	2.8446, 3.7458, 2.4925
YIQ	51.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

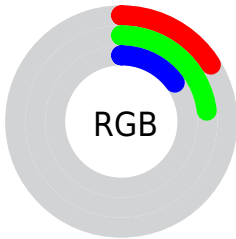
Format	Color
R_YB	39, 59, 57
Decimal	2702119
CIE Lab	22.81, -12.06, 10.13
CIE LCh	23, 15.749, 139.965
Yxy	3.7458, 0.3132, 0.4124
Android (android.graphics.Color)	4280892199 (0xFF293B27)
YUV	51.3380, -6.0826, -9.0664
Hunter-Lab	19.3541, -7.6343, 5.9122

Details

The YUV color **51.3380, -6.0826, -9.0664** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.6620, 6.0826, 9.0664**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8110, -6.8088, -9.4812**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **49.1590, -7.9664, -11.5404**, and if you desaturate by 10%, it is **53.5170, -4.1989, -6.5924**.

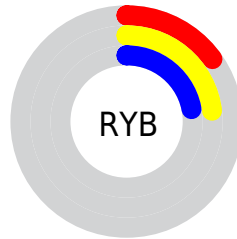
Distribution



Red (16%)

Green (23%)

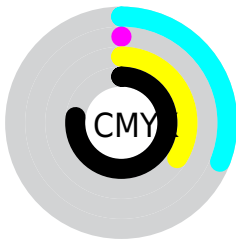
Blue (15%)



Red (15%)

Yellow (23%)

Blue (22%)

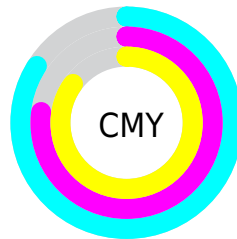


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3380, -6.0826, -9.0664 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 51.3380, -6.0826, -9.0664 by changing the saturation by 10% instead.

■ 51.3380, -6.0826,
-9.0664

■ 51.3380, -6.0826,
-9.0664

255.0000, 0.0000,
0.0000

■ 29.8650, -5.3564,
-8.6516

■ 97.8110, -6.8088,
-9.4812

■ 10.5660, -5.2090,
-9.2664

■ 122.9850, -7.3876,
-10.5108

■ 0.0000, 0.0000,
0.0000

■ 148.9850, -7.3876,
-10.5108

■ 175.5720, -7.6770,
-11.0256

■ 202.5720, -7.6770,
-11.0256

■ 231.1590, -7.9664,

-11.5404

251.2400, -4.0623,
-3.7185

51.3380, -6.0826,
-9.0664

51.3380, -6.0826,
-9.0664

49.1590, -7.9664,
-11.5404

53.5170, -4.1989,
-6.5924

46.6810, -9.7027,
-14.6292

55.9950, -2.4625,
-3.5036

44.5020, -11.5865,
-17.1033

58.1740, -0.5788,
-1.0296

42.3230, -13.4702,
-19.5773

60.3530, 1.3050,
1.4444

39.9590, -14.7698,
-22.7660

62.8310, 3.0413,
4.5332

■ 37.7800, -16.6535,
-25.2401

■ 64.8960, 4.4883,
7.1072

■ 36.4270, -17.9585,
-26.6845

■ 67.0750, 6.3720,
9.5812

■ 69.2540, 8.2558,
12.0552

■ 71.7320, 9.9921,
15.1440

Harmonies

Analogous

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



52.6660, -10.1883, 1.1699



51.3380, -6.0826, -9.0664



49.5800, 0.2071, -19.8027

Triad

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



51.3380, -6.0826, -9.0664



51.8050, 12.4211, -17.3690



55.6820, -4.2802, 19.5729

Complementary

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



51.3380, -6.0826, -9.0664



46.6620, 6.0826, 9.0664

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.



56.1530, 1.4036, 16.5288



51.3380, -6.0826, -9.0664



54.7250, 10.4886, -4.1438

Square

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



51.3380, -6.0826, -9.0664



47.3260, 12.1643, -28.3499



56.1780, 6.8142, 7.7369



54.5200, -8.6374, 17.0840

Rectangle

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



51.3380, -6.0826, -9.0664



47.5020, 5.1755, -26.7503



56.1780, 6.8142, 7.7369



55.2520, -2.0962, 19.0730

Sweetspot

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



51.3380, -6.0826, -9.0664



73.9950, -2.4625, -3.5036



55.5460, -8.1572, 3.0292



36.3480, -1.1576, -2.0592



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.



51.3380, -6.0826, -9.0664



64.6810, -9.7027, -14.6292



51.6520, -2.2934, -11.0958



29.7610, -0.8682, -1.5444



57.8690, -28.5294, -42.8581



136.8920, -67.4878, -100.7603

Inverse Universe

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



46.6620, 6.0826, 9.0664



57.0200, 9.8501, 14.0145



46.3480, 2.2934, 11.0958



28.9400, 1.0156, 0.9296



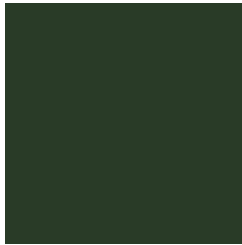
36.1310, 28.5294, 42.8581



85.1080, 67.4878, 100.7603

Previews

White Background



This preview shows how the YUV color 51.3380, -6.0826, -9.0664 looks on a white background.

Color Contrast Check

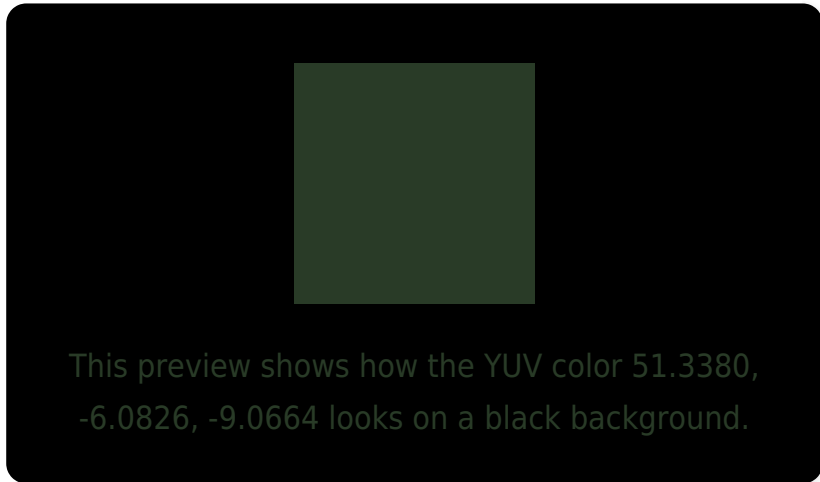
Large Text (above 18pt) WCAG AA ✓ Pass

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

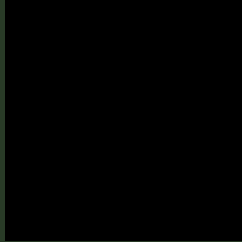
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.3380, -6.0826, -9.0664

Background



This preview shows how black text looks on a background with the YUV color 51.3380, -6.0826, -9.0664.



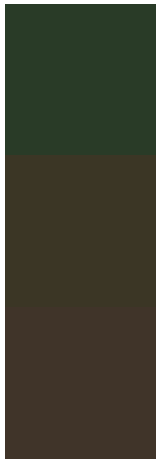
This preview shows how white text looks on a background with the YUV color 51.3380, -6.0826, -9.0664.

-9.0664.

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

51.3380, -6.0826, -9.0664

Protanopia

53.5570, -8.1626, 4.7735

Deuteranopia

54.3340, -6.5737, 8.4771



Tritanopia

53.2810, 3.8055, -7.2624

Trichromacy



Original Color

51.3380, -6.0826, -9.0664

Protanomaly

52.7520, -7.2727, -0.6595

Deuteranomaly

53.5890, -6.6994, 2.1144

Tritanomaly

52.6570, 0.1691, -7.5922

Monochromacy



Original Color

51.3380, -6.0826, -9.0664

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3380, -6.0826, -9.0664 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(41, 59, 39)` looks like.

```
.text, #text, p{  
    color:rgb(41, 59, 39)  
}
```

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(41, 59, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 59, 39) }
```

Border

The CSS property to change the border of an element to YUV 51.3380, -6.0826, -9.0664 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(41, 59, 39) }
```


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

```
.border{ border-color:rgb(41, 59, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 59, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 59, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 59, 39);  
box-shadow:4px 4px 4px 4px rgb(41, 59, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.3380, -6.0826, -9.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 59, 39) }
```

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

```
.background{ background-color: rgb(41, 59,  
39) }
```

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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