

Converting Colors

YUV(53.0760, -2.0095, -8.8367)

Have a look what the booklet for
YUV(53.0760, -2.0095, -8.8367)
contains.

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Color

**YUV(53.0760, -2.0095,
-8.8367)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3B31
RGB	43, 59, 49
RGB Percent	17%, 23%, 19%
CMY	0.8314, 0.7686, 0.8078
CMYK	0.27, 0.00, 0.17, 0.77
HSL	142°, 16%, 20%
HSV	142°, 27%, 23%
XYZ	3.1146, 3.8633, 3.4873
YIQ	53.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

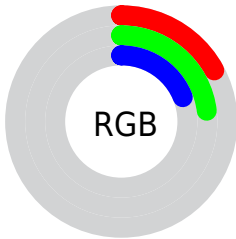
Format	Color
RYB	43, 55, 59
Decimal	2833201
CIELab	23.21, -9.02, 4.10
CIELCh	23, 9.911, 155.587
Yxy	3.8633, 0.2976, 0.3692
Android (android.graphics.Color)	4281023281 (0xFF2B3B31)
YUV	53.0760, -2.0095, -8.8367
Hunter-Lab	19.6552, -6.1111, 3.2393

Details

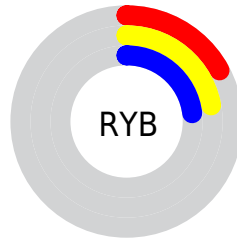
The YUV color **53.0760, -2.0095, -8.8367** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.9240, 2.0095, 8.8367**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6630, -2.2989, -9.3515**, and **10.0930, -4.4828, -8.8516** is the 20% darker color. If you saturate the color by 10%, you get **50.8260, -2.8722, -12.1254**, and if you desaturate by 10%, it is **55.3260, -1.1467, -5.5479**.

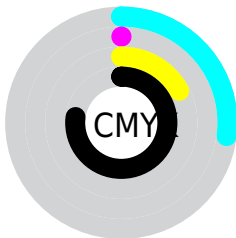
Distribution



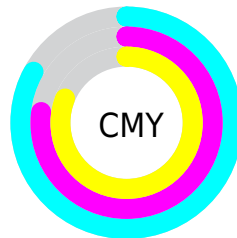
- Red (17%)
- Green (23%)
- Blue (19%)



- Red (17%)
- Yellow (22%)
- Blue (23%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (77%)



- Cyan (83%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0760, -2.0095, -8.8367 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 53.0760, -2.0095, -8.8367 by changing the saturation by 10% instead.

■ 53.0760, -2.0095,
-8.8367

■ 53.0760, -2.0095,
-8.8367

■ 255.0000, 0.0000,
0.0000

■ 31.4890, -1.7201,
-8.3219

■ 99.6630, -2.2989,
-9.3515

■ 10.0930, -4.4828,
-8.8516

■ 124.3640, -2.1515,
-9.9662

■ 0.0000, 0.0000,
0.0000

■ 150.8370, -2.8776,
-10.3810

■ 176.9510, -2.4408,
-10.4810

■ 204.5380, -2.7302,
-10.9958

■ 233.1250, -3.0196,

-11.5106

253.2060, 0.8844,
-3.6887

53.0760, -2.0095,
-8.8367

53.0760, -2.0095,
-8.8367

50.8260, -2.8722,
-12.1254

55.3260, -1.1467,
-5.5479

48.6900, -3.2982,
-15.5141

57.4620, -0.7208,
-2.1592

46.4400, -4.1609,
-18.8029

59.7120, 0.1420,
1.1296

44.1900, -5.0237,
-22.0916

61.9620, 1.0047,
4.4183

42.3530, -5.5970,
-24.8656

64.0980, 1.4307,
7.8071

■ 40.1030, -6.4598,
-28.1543

■ 66.0490, 2.4408,
10.4810

■ 37.8530, -7.3225,
-31.4431

■ 68.2990, 3.3036,
13.7698

■ 37.1410, -7.4645,
-32.5727

■ 70.4350, 3.7295,
17.1585

■ 72.6850, 4.5923,
20.4473

Harmonies

Analogous

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



53.6100, -5.2307, -2.2890



53.0760, -2.0095, -8.8367



52.6670, 1.6432, -13.7400

Triad

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



53.0760, -2.0095, -8.8367



55.2040, 7.2944, -6.3179



56.2250, -4.5479, 12.0807

Complementary

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



53.0760, -2.0095, -8.8367



48.9240, 2.0095, 8.8367

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.



56.4360, -1.2009, 11.8956



53.0760, -2.0095, -8.8367



56.0910, 5.3781, 1.6742

Square

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



53.0760, -2.0095, -8.8367



53.5730, 7.6055, -12.7805



56.7390, 2.5937, 8.1219



55.6330, -6.7211, 9.0919

Rectangle

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



53.0760, -2.0095, -8.8367



52.0520, 4.4114, -14.9546



56.7390, 2.5937, 8.1219



56.1650, -3.5323, 13.0103

Sweetspot

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



53.0760, -2.0095, -8.8367



74.4510, -0.7153, -3.9035



55.3820, -6.1043, -2.0890



36.5760, -0.2840, -2.2592



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.



53.0760, -2.0095, -8.8367



67.4020, -3.1562, -14.3846



53.9880, 1.4849, -9.6365



29.8750, -0.4314, -1.6444



59.1680, -11.9148, -51.8903



139.7760, -27.9906, -122.5836

Inverse Universe

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



48.9240, 2.0095, 8.8367



60.5980, 3.1562, 14.3846



48.0120, -1.4849, 9.6365



29.0110, -0.0054, 1.7444



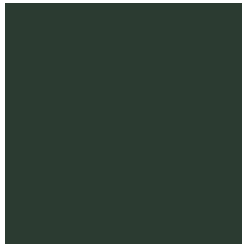
34.8320, 11.9148, 51.8903



82.2240, 27.9906, 122.5836

Previews

White Background



This preview shows how the YUV color 53.0760, -2.0095, -8.8367 looks on a white background.

Color Contrast Check

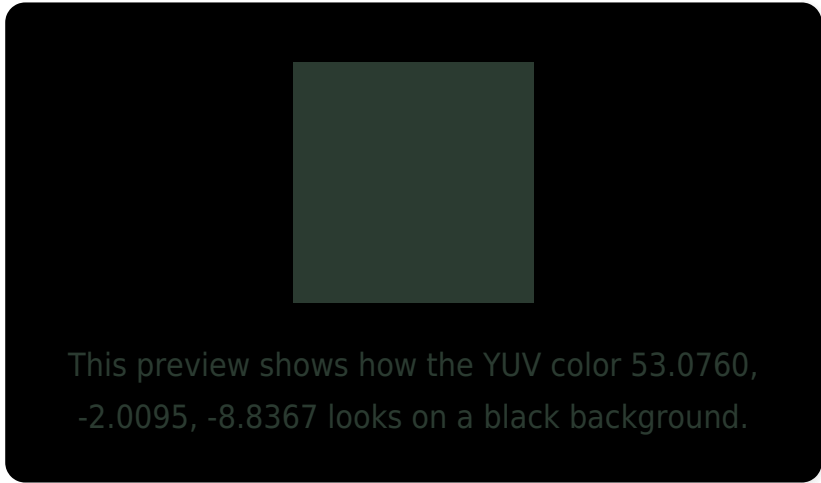
Large Text (above 18pt) WCAG AA ✓ Pass

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

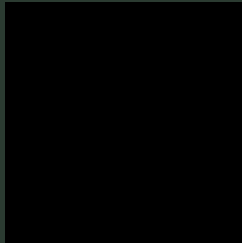
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0760, -2.0095, -8.8367

Background



This preview shows how black text looks on a background with the YUV color 53.0760, -2.0095, -8.8367.



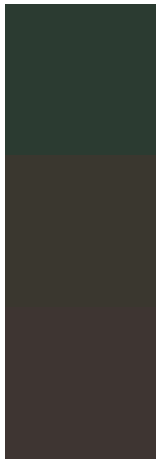
This preview shows how white text looks on a background with the YUV color 53.0760, -2.0095,

-8.8367.

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

53.0760, -2.0095, -8.8367

Protanopia

54.9850, -3.9366, 2.6442

Deuteranopia

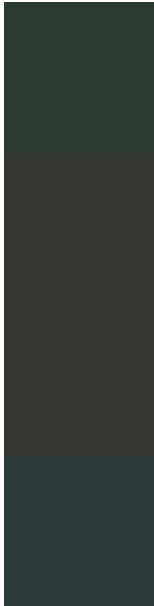
55.3490, -2.6371, 5.8329



Tritanopia

53.9820, 3.9529, -7.8772

Trichromacy



Original Color

53.0760, -2.0095, -8.8367

Protanomaly

54.1910, -3.0522, -1.0445

Deuteranomaly

54.4300, -2.1840, 0.4999

Tritanomaly

53.7000, 1.6269, -8.5069

Monochromacy



Original Color

53.0760, -2.0095, -8.8367

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8640, -0.4260, -3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0760, -2.0095, -8.8367 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(43, 59, 49)` looks like.

```
.text, #text, p{  
    color:rgb(43, 59, 49)  
}
```

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(43, 59, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 59, 49) }
```

Border

The CSS property to change the border of an element to YUV 53.0760, -2.0095, -8.8367 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(43, 59, 49) }
```


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

```
.border{ border-color:rgb(43, 59, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 59, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 59, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 59, 49);  
box-shadow:4px 4px 4px 4px rgb(43, 59, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.0760, -2.0095, -8.8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 59, 49) }
```

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

```
.background{ background-color: rgb(43, 59,  
49) }
```

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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