

Converting Colors

YUV(51.2860, 6.2680, -3.7588)

Have a look what the booklet for
YUV(51.2860, 6.2680, -3.7588)
contains.

YUV(51.2860, 6.2680, -3.7588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(51.2860, 6.2680,
-3.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3340
RGB	47, 51, 64
RGB Percent	18%, 20%, 25%
CMY	0.8157, 0.8000, 0.7490
CMYK	0.27, 0.20, 0.00, 0.75
HSL	226°, 15%, 22%
HSV	226°, 27%, 25%
XYZ	3.2815, 3.3422, 5.3226
YIQ	51.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

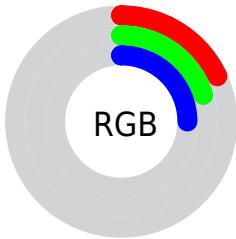
Format	Color
R_{YB}	47, 50, 64
Decimal	3093312
CIE _{Lab}	21.37, 1.75, -8.71
CIE _{LCh}	21, 8.881, 281.390
Yxy	3.3422, 0.2747, 0.2798
Android (android.graphics.Color)	4281283392 (0xFF2F3340)
YUV	51.2860, 6.2680, -3.7588
Hunter-Lab	18.2816, 0.0479, -4.4650

Details

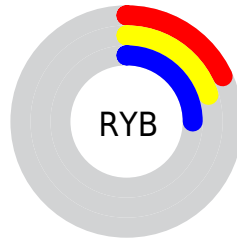
The YUV color **51.2860, 6.2680, -3.7588** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.7140, -6.2680, 3.7588**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5140, 7.1416, -3.9588**, and **4.8560, 8.4520, -4.2587** is the 20% darker color. If you saturate the color by 10%, you get **46.5570, 8.5994, -4.8735**, and if you desaturate by 10%, it is **56.0150, 3.9366, -2.6442**.

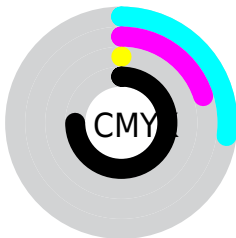
Distribution



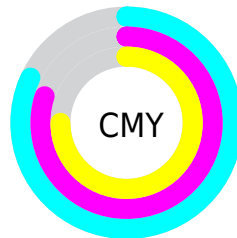
- Red (18%)
- Green (20%)
- Blue (25%)



- Red (18%)
- Yellow (20%)
- Blue (25%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2860, 6.2680, -3.7588 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 51.2860, 6.2680, -3.7588 by changing the saturation by 10% instead.

■ 51.2860, 6.2680,
-3.7588

■ 51.2860, 6.2680,
-3.7588

■ 255.0000, 0.0000,
0.0000

■ 30.1720, 5.8312,
-3.6588

■ 97.5140, 7.1416,
-3.9588

■ 4.8560, 8.4520,
-4.2587

■ 122.5140, 7.1416,
-3.9588

■ 0.0000, 0.0000,
0.0000

■ 148.5140, 7.1416,
-3.9588

■ 174.6280, 7.5784,
-4.0588

■ 202.6280, 7.5784,
-4.0588

■ 230.7420, 8.0152,

-4.1587

254.7010, 0.1474,
-0.6148

■ 51.2860, 6.2680,
-3.7588

■ 51.2860, 6.2680,
-3.7588

■ 46.5570, 8.5994,
-4.8735

■ 56.0150, 3.9366,
-2.6442

■ 41.5290, 11.0782,
-6.6029

■ 61.0430, 1.4578,
-0.9147

■ 36.8000, 13.4096,
-7.7176

■ 65.7720, -0.8736,
0.2000

■ 31.7720, 15.8884,
-9.4470

■ 70.8000, -3.3524,
1.9294

■ 27.6300, 17.9304,
-11.0765

■ 74.9420, -5.3944,
3.5589

■ 22.9010, 20.2618,
-12.1912

■ 79.6710, -7.7258,
4.6735

■ 17.8730, 22.7406,
-13.9206

■ 84.6990, -10.2046,
6.4030

■ 16.1010, 23.6142,
-14.1206

■ 89.4280, -12.5360,
7.5176

■ 94.4560, -15.0148,
9.2471

Harmonies

Analogous

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



49.9540, 6.4317, -9.6067



51.2860, 6.2680, -3.7588



52.1620, 4.3571, 2.4889

Triad

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



51.2860, 6.2680, -3.7588



52.2140, -4.5425, 10.3363



49.3040, -1.1359, -9.0366

Complementary

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



51.2860, 6.2680, -3.7588



59.7140, -6.2680, 3.7588

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.



50.1260, -4.4991, -3.6185



51.2860, 6.2680, -3.7588



51.1490, -5.9895, 7.7623

Square

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



51.2860, 6.2680, -3.7588



52.6100, -1.7797, 10.8660



51.0020, -6.4100, 2.6292



48.6070, 2.6587, -12.8103

Rectangle

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



51.2860, 6.2680, -3.7588



52.7280, 2.5991, 6.3775



51.0020, -6.4100, 2.6292



49.0870, -2.0149, -7.0923

Sweetspot

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



51.2860, 6.2680, -3.7588



78.9720, 2.4788, -1.7294



58.4610, 0.7587, -10.0513



40.0430, 1.4578, -0.9147



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



51.2860, 6.2680, -3.7588



64.1870, 9.7678, -6.3030



50.1340, 6.8359, 0.7595



30.9290, 1.0210, -0.8147



24.5590, 35.7134, -21.5382



56.6470, 82.5050, -49.6794

Inverse Universe

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



52.5390, -0.7587, 10.0513



65.8710, -0.9224, 15.8991



60.8660, -6.8359, -0.7595



31.0110, -0.0054, 1.7444



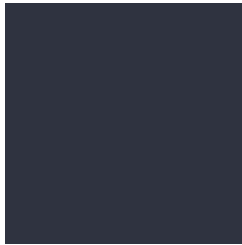
31.6250, -4.2521, 57.3339



73.0180, -9.8689, 132.4112

Previews

White Background



This preview shows how the YUV color 51.2860, 6.2680, -3.7588 looks on a white background.

Color Contrast Check

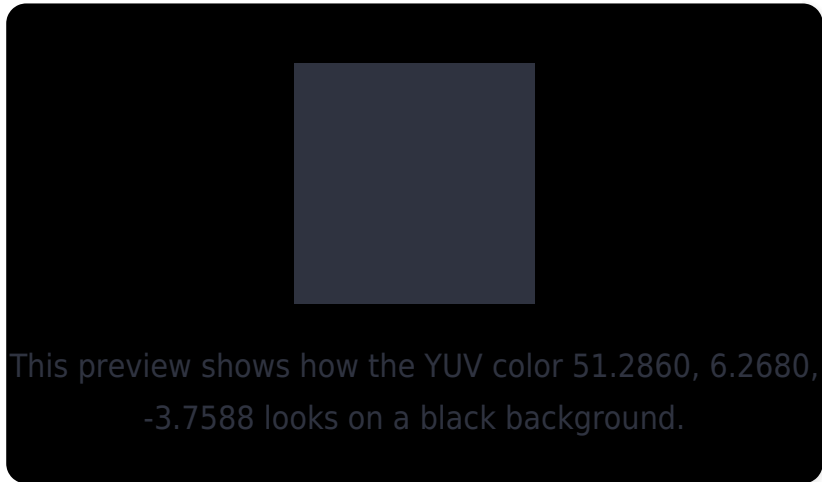
Large Text (above 18pt) WCAG AA ✓ Pass

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

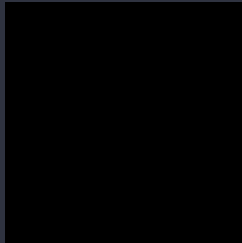
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

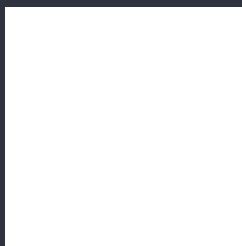
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.2860, 6.2680, -3.7588

Background



This preview shows how black text looks on a background with the YUV color 51.2860, 6.2680, -3.7588.



This preview shows how white text looks on a background with the YUV color 51.2860, 6.2680, -3.7588.

-3.7588.

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

51.2860, 6.2680, -3.7588

Protanopia

51.5850, 6.1206, -3.1440

Deuteranopia

51.5960, 6.1152, -1.3997



Tritanopia

50.4770, 3.2158, -4.8033

Trichromacy



Original Color

51.2860, 6.2680, -3.7588

Protanomaly

51.5850, 6.1206, -3.1440

Deuteranomaly

51.2970, 6.2626, -2.0145

Tritanomaly

51.1180, 4.3788, -4.4885

Monochromacy



Original Color

51.2860, 6.2680, -3.7588

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2860, 6.2680, -3.7588 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(47, 51, 64)` looks like.

```
.text, #text, p{  
    color:rgb(47, 51, 64)  
}
```

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(47, 51, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 51, 64) }
```

Border

The CSS property to change the border of an element to YUV 51.2860, 6.2680, -3.7588 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(47, 51, 64) }
```


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

```
.border{ border-color:rgb(47, 51, 64) }
```

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

Here you see how a box with a 4 pixel rgb(47, 51, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 51, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 51, 64);  
box-shadow:4px 4px 4px 4px rgb(47, 51, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2860, 6.2680, -3.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 51, 64) }
```

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

```
.background{ background-color: rgb(47, 51,  
64) }
```

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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