

Converting Colors

YUV(44.6340, 5.1104, -5.8180)

Have a look what the booklet for
YUV(44.6340, 5.1104, -5.8180)
contains.

YUV(44.6340, 5.1104, -5.8180)	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(44.6340, 5.1104,
-5.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	262E37
RGB	38, 46, 55
RGB Percent	15%, 18%, 22%
CMY	0.8510, 0.8196, 0.7843
CMYK	0.31, 0.16, 0.00, 0.78
HSL	212°, 18%, 18%
HSV	212°, 31%, 22%
XYZ	2.4659, 2.6419, 3.9944
YIQ	44.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

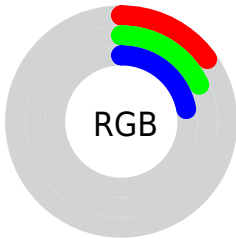
Format	Color
R_YB	38, 43, 55
Decimal	2502199
CIE Lab	18.55, -0.90, -6.89
CIE LCh	19, 6.947, 262.577
Yxy	2.6419, 0.2709, 0.2902
Android (android.graphics.Color)	4280692279 (0xFF262E37)
YUV	44.6340, 5.1104, -5.8180
Hunter-Lab	16.2539, -1.3637, -3.1928

Details

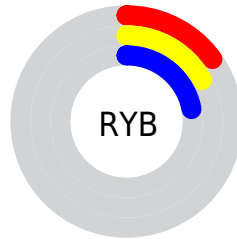
The YUV color **44.6340, 5.1104, -5.8180** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.3660, -5.1104, 5.8180**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4490, 5.6946, -6.5328**, and **1.2540, 4.8048, -1.0998** is the 20% darker color. If you saturate the color by 10%, you get **41.3780, 6.7156, -7.3475**, and if you desaturate by 10%, it is **48.1890, 3.3578, -3.6738**.

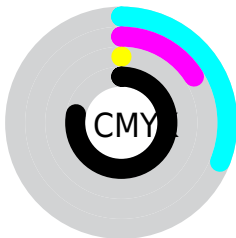
Distribution



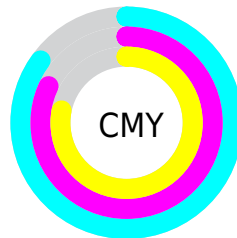
- Red (15%)
- Green (18%)
- Blue (22%)



- Red (15%)
- Yellow (17%)
- Blue (22%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.6340, 5.1104, -5.8180 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 44.6340, 5.1104, -5.8180 by changing the saturation by 10% instead.

■ 44.6340, 5.1104,
-5.8180

■ 44.6340, 5.1104,
-5.8180

255.0000, 0.0000,
0.0000

■ 23.6340, 5.1104,
-5.8180

■ 90.4490, 5.6946,
-6.5328

■ 1.2540, 4.8048,
-1.0998

■ 114.8620, 5.9840,
-6.0180

■ 0.0000, 0.0000,
0.0000

■ 140.5630, 6.1314,
-6.6328

■ 166.5630, 6.1314,
-6.6328

■ 193.6770, 6.5682,
-6.7327

■ 221.6770, 6.5682,

-6.7327

249.3520, 2.7845,
-6.4477

44.6340, 5.1104,
-5.8180

44.6340, 5.1104,
-5.8180

41.3780, 6.7156,
-7.3475

48.1890, 3.3578,
-3.6738

37.8230, 8.4683,
-9.4918

51.4450, 1.7526,
-2.1443

34.2680, 10.2209,
-11.6360

55.0000, 0.0000,
0.0000

31.0120, 11.8261,
-13.1655

58.2560, -1.6052,
1.5295

27.7560, 13.4313,
-14.6950

61.8110, -3.3578,
3.6738

■ 24.7880, 14.8945,
-17.3541

■ 64.4800, -4.6736,
5.7180

■ 21.5320, 16.4997,
-18.8836

■ 68.0350, -6.4263,
7.8623

■ 71.2910, -8.0315,
9.3918

■ 74.8460, -9.7841,
11.5361

Harmonies

Analogous

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



43.4980, 4.6845, -9.2067



44.6340, 5.1104, -5.8180



45.4390, 4.2206, -0.3850

Triad

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



44.6340, 5.1104, -5.8180



46.1860, -2.0637, 8.6069



43.6960, -2.3151, -4.1184

Complementary

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



44.6340, 5.1104, -5.8180



48.3660, -5.1104, 5.8180

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.



44.5610, -4.2206, 0.3850



44.6340, 5.1104, -5.8180



45.6050, -4.2423, 7.3624

Square

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



44.6340, 5.1104, -5.8180



46.4570, 0.2677, 7.4922



44.7680, -4.8156, 4.5885



43.3580, 0.3165, -8.2070

Rectangle

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



44.6340, 5.1104, -5.8180



45.9340, 3.4835, 2.6889



44.7680, -4.8156, 4.5885



44.1800, -3.0467, -2.7889

Sweetspot

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



44.6340, 5.1104, -5.8180



67.4450, 1.7526, -2.1443



49.0050, -0.9885, -9.6514



33.6300, 1.1684, -1.4295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



44.6340, 5.1104, -5.8180



55.0080, 7.8841, -8.7770



39.9380, 7.4256, -1.6996



26.5160, 0.7316, -1.3295



35.7290, 27.7416, -31.3343



85.4270, 65.8515, -74.9195

Inverse Universe

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



43.9950, 0.9885, 9.6514



54.1420, 1.4090, 14.7845



53.0620, -7.4256, 1.6996



26.1250, 0.4314, 1.6444



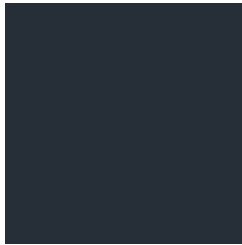
32.4100, 5.2209, 52.2604



77.2230, 12.7081, 124.3384

Previews

White Background



This preview shows how the YUV color 44.6340, 5.1104, -5.8180 looks on a white background.

Color Contrast Check

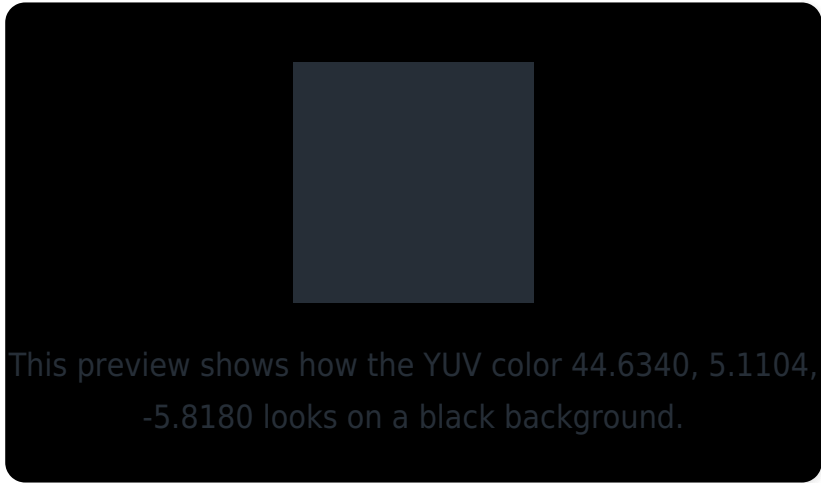
Large Text (above 18pt) WCAG AA ✓ Pass

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

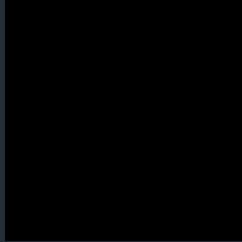
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.6340, 5.1104, -5.8180

Background



This preview shows how black text looks on a background with the YUV color 44.6340, 5.1104, -5.8180.



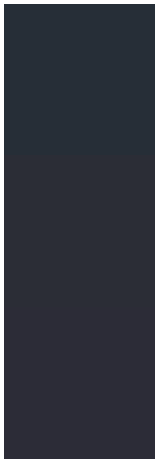
This preview shows how white text looks on a background with the YUV color 44.6340, 5.1104, -5.8180.

-5.8180.

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

44.6340, 5.1104, -5.8180

Protanopia

45.4280, 4.2260, -2.1294

Deuteranopia

45.2540, 4.8048, -1.0998



Tritanopia

44.4660, 3.2213, -6.5477

Trichromacy



Original Color

44.6340, 5.1104, -5.8180

Protanomaly

44.8300, 4.5208, -3.3589

Deuteranomaly

45.2430, 4.8102, -2.8441

Tritanomaly

44.5800, 3.6581, -6.6477

Monochromacy



Original Color

44.6340, 5.1104, -5.8180

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.5590, 2.1894, -2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.6340, 5.1104, -5.8180 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(38, 46, 55)` looks like.

```
.text, #text, p{  
    color:rgb(38, 46, 55)  
}
```

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(38, 46, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 46, 55) }
```

Border

The CSS property to change the border of an element to YUV 44.6340, 5.1104, -5.8180 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(38, 46, 55) }
```


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

```
.border{ border-color:rgb(38, 46, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 46, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 46, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 46, 55);  
box-shadow:4px 4px 4px 4px rgb(38, 46, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.6340, 5.1104, -5.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 46, 55) }
```

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

```
.background{ background-color: rgb(38, 46,  
55) }
```

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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