

Converting Colors

YUV(51.4680, 13.5733,
-13.5654)

Have a look what the booklet for
YUV(51.4680, 13.5733, -13.5654)
contains.

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Color

**YUV(51.4680, 13.5733,
-13.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	24364F
RGB	36, 54, 79
RGB Percent	14%, 21%, 31%
CMY	0.8588, 0.7882, 0.6902
CMYK	0.54, 0.32, 0.00, 0.69
HSL	215°, 37%, 23%
HSV	215°, 54%, 31%
XYZ	3.4580, 3.5779, 7.9055
YIQ	51.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

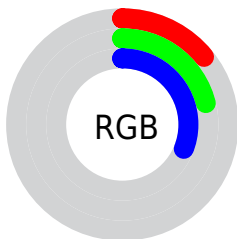
Format	Color
RYB	36, 49, 79
Decimal	2373199
CIELab	22.22, 0.92, -17.53
CIELCh	22, 17.557, 273.005
Yxy	3.5779, 0.2314, 0.2395
Android (android.graphics.Color)	4280563279 (0xFF24364F)
YUV	51.4680, 13.5733, -13.5654
Hunter-Lab	18.9154, -0.4695, -11.5389

Details

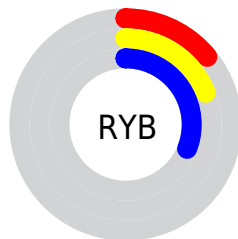
The YUV color **51.4680, 13.5733, -13.5654** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.5320, -13.5733, 13.5654**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4080, 14.5889, -12.6358**, and **9.2730, 12.6834, -8.1324** is the 20% darker color. If you saturate the color by 10%, you get **46.1410, 16.1995, -15.9097**, and if you desaturate by 10%, it is **56.7950, 10.9471, -11.2212**.

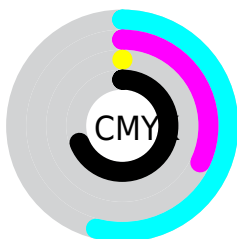
Distribution



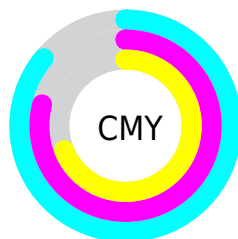
- Red (14%)
- Green (21%)
- Blue (31%)



- Red (14%)
- Yellow (19%)
- Blue (31%)



- Cyan (54%)
- Magenta (32%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4680, 13.5733, -13.5654 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 51.4680, 13.5733, -13.5654 by changing the saturation by 10% instead.

■ 51.4680, 13.5733,
-13.5654

■ 51.4680, 13.5733,
-13.5654

■ 255.0000, 0.0000,
0.0000

■ 29.3430, 13.1419,
-15.2098

■ 98.4080, 14.5889,
-12.6358

■ 9.2730, 12.6834,
-8.1324

■ 123.5220, 15.0257,
-12.7358

■ 1.1400, 4.3680,
-0.9998

■ 149.6360, 15.4625,
-12.8358

■ 0.0000, 0.0000,
0.0000

■ 176.4510, 16.0467,
-13.5505

■ 203.8640, 16.3360,
-13.0357

■ 231.3110, 11.6787,

-12.5507

252.0100, 1.4741,
-6.1478

51.4680, 13.5733,
-13.5654

51.4680, 13.5733,
-13.5654

46.1410, 16.1995,
-15.9097

56.7950, 10.9471,
-11.2212

41.4010, 18.5363,
-18.7687

61.5350, 8.6102,
-8.3622

36.0740, 21.1625,
-21.1129

66.8620, 5.9840,
-6.0180

31.3340, 23.4993,
-23.9719

71.6020, 3.6472,
-3.1590

28.3770, 24.9571,
-24.8866

76.9290, 1.0210,
-0.8147

■ 81.9570, -1.4578,
0.9147

■ 86.6970, -3.7946,
3.7737

■ 92.0240, -6.4208,
6.1180

■ 96.7640, -8.7577,
8.9770

Harmonies

Analogous

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



45.7000, 14.9379, -31.3089



51.4680, 13.5733, -13.5654



54.0570, 10.3249, 1.7040

Triad

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



51.4680, 13.5733, -13.5654



53.7100, -6.7590, 21.3023



48.5760, -3.7350, -15.4142

Complementary

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



51.4680, 13.5733, -13.5654



63.5320, -13.5733, 13.5654

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.



51.0460, -9.8827, -3.5483



51.4680, 13.5733, -13.5654



52.8250, -11.2527, 15.9395

Square

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



51.4680, 13.5733, -13.5654



54.4910, -1.2281, 20.6174



52.1290, -12.3886, 6.9029



44.6650, 4.6022, -29.5242

Rectangle

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



51.4680, 13.5733, -13.5654



54.9010, 6.9508, 10.6108



52.1290, -12.3886, 6.9029



49.0280, -5.9298, -11.4256

Sweetspot

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



51.4680, 13.5733, -13.5654



91.9330, 4.9630, -5.2032



63.9770, -1.9607, -24.5358



44.4880, 3.2104, -3.0590



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



51.4680, 13.5733, -13.5654



59.3730, 21.0151, -20.4981



41.7990, 18.3401, -2.4547



35.6300, 1.1684, -1.4295



36.8690, 32.1096, -32.3341



82.5720, 72.6820, -72.4156

Inverse Universe

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



50.9090, 1.5239, 24.6358



58.8120, 2.0647, 37.8759



73.2010, -18.3401, 2.4547



35.4240, 0.2840, 2.2592



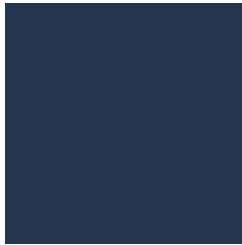
35.4000, 3.7468, 58.4082



79.7140, 8.0290, 131.8008

Previews

White Background



This preview shows how the YUV color 51.4680, 13.5733, -13.5654 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



This preview shows how the YUV color 51.4680, 13.5733, -13.5654 looks on a 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

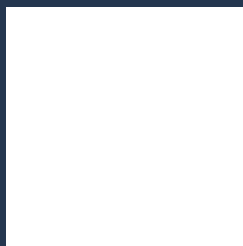
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.4680, 13.5733, -13.5654

Background



This preview shows how black text looks on a background with the YUV color 51.4680, 13.5733, -13.5654.



This preview shows how white text looks on a background with the YUV color 51.4680, 13.5733,

-13.5654.

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

51.4680, 13.5733, -13.5654

Protanopia

52.8710, 12.3886, -6.9029

Deuteranopia

52.3760, 13.1256, -9.9768



Tritanopia

49.4970, 6.1640, -17.0989

Trichromacy



Original Color

51.4680, 13.5733, -13.5654

Protanomaly

52.5610, 12.5414, -9.2620

Deuteranomaly

51.7780, 13.4204, -11.2063

Tritanomaly

50.1920, 8.7793, -15.9544

Monochromacy



Original Color

51.4680, 13.5733, -13.5654

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4680, 13.5733, -13.5654 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(36, 54, 79)` looks like.

```
.text, #text, p{  
    color:rgb(36, 54, 79)  
}
```

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(36, 54, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 54, 79) }
```

Border

The CSS property to change the border of an element to YUV 51.4680, 13.5733, -13.5654 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(36, 54, 79) }
```


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

```
.border{ border-color:rgb(36, 54, 79) }
```

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

Here you see how a box with a 4 pixel rgb(36, 54, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 54, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 54, 79);  
box-shadow:4px 4px 4px 4px rgb(36, 54, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4680, 13.5733, -13.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 54, 79) }
```

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

```
.background{ background-color: rgb(36, 54,  
79) }
```

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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