

Converting Colors

YUV(54.8140, 18.8257,
-18.2539)

Have a look what the booklet for
YUV(54.8140, 18.8257, -18.2539)
contains.

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Color

**YUV(54.8140, 18.8257,
-18.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	223A5D
RGB	34, 58, 93
RGB Percent	13%, 23%, 36%
CMY	0.8667, 0.7725, 0.6353
CMYK	0.63, 0.38, 0.00, 0.64
HSL	216°, 46%, 25%
HSV	216°, 63%, 36%
XYZ	4.1485, 4.1565, 10.9396
YIQ	54.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

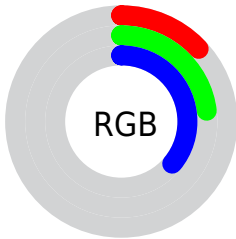
Format	Color
RYB	34, 51, 93
Decimal	2243165
CIELab	24.18, 2.84, -23.70
CIELCh	24, 23.868, 276.846
Yxy	4.1565, 0.2156, 0.2160
Android (android.graphics.Color)	4280433245 (0xFF223A5D)
YUV	54.8140, 18.8257, -18.2539
Hunter-Lab	20.3875, 0.6437, -17.5427

Details

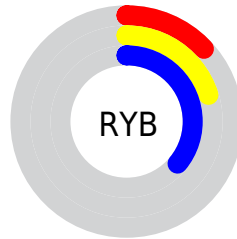
The YUV color **54.8140, 18.8257, -18.2539** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **72.1860, -18.8257, 18.2539**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1670, 20.1307, -16.8095**, and **14.1630, 16.1886, -12.4210** is the 20% darker color. If you saturate the color by 10%, you get **48.6010, 21.8887, -20.6981**, and if you desaturate by 10%, it is **61.0270, 15.7627, -15.8097**.

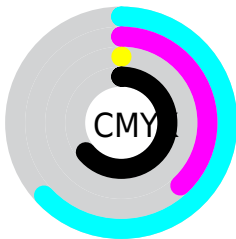
Distribution



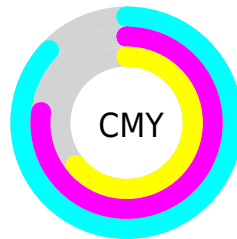
- Red (13%)
- Green (23%)
- Blue (36%)



- Red (13%)
- Yellow (20%)
- Blue (36%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8140, 18.8257, -18.2539 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 54.8140, 18.8257, -18.2539 by changing the saturation by 10% instead.

■ 54.8140, 18.8257,
-18.2539

■ 54.8140, 18.8257,
-18.2539

■ 255.0000, 0.0000,
0.0000

■ 30.7810, 18.8420,
-23.4869

■ 103.1670, 20.1307,
-16.8095

■ 14.1630, 16.1886,
-12.4210

■ 128.5800, 20.4201,
-16.2947

■ 3.5510, 11.0674,
-3.1142

■ 154.8080, 21.2937,
-16.4946

■ 0.0000, 0.0000,
0.0000

■ 181.9220, 21.7305,
-16.5946

■ 209.3350, 22.0198,
-16.0798

■ 234.8440, 9.9369,

-13.8952

252.9070, 1.0318,
-4.3034

54.8140, 18.8257,
-18.2539

54.8140, 18.8257,
-18.2539

48.6010, 21.8887,
-20.6981

61.0270, 15.7627,
-15.8097

42.6760, 24.8097,
-24.2719

66.9520, 12.8417,
-12.2359

36.4630, 27.8727,
-26.7161

73.1650, 9.7787,
-9.7917

32.9080, 29.6254,
-28.8603

78.7910, 7.0050,
-6.8327

85.3030, 3.7946,
-3.7737

■ 90.9290, 1.0210,
-0.8147

■ 97.1420, -2.0420,
1.6295

■ 102.7680, -4.8156,
4.5885

■ 109.2800, -8.0260,
7.6474

Harmonies

Analogous

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



47.2410, 21.0802, -41.4304



54.8140, 18.8257, -18.2539



58.8770, 13.3716, 4.4929

Triad

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



54.8140, 18.8257, -18.2539



57.2440, -9.9803, 27.8500



49.6240, -3.2656, -25.9802

Complementary

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



54.8140, 18.8257, -18.2539



72.1860, -18.8257, 18.2539

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.



53.6280, -12.6346, -7.5668



54.8140, 18.8257, -18.2539



56.8810, -16.2103, 19.3984

Square

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



54.8140, 18.8257, -18.2539



58.0190, -1.9814, 28.9243



55.4620, -17.4828, 7.4878



46.2830, 7.2555, -40.5902

Rectangle

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



54.8140, 18.8257, -18.2539



59.6890, 8.5343, 16.0587



55.4620, -17.4828, 7.4878



51.3430, -7.0711, -18.7178

Sweetspot

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



54.8140, 18.8257, -18.2539



104.9050, 7.4418, -6.9327



72.5090, -2.2229, -33.7724



52.1180, 4.3788, -4.4885



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



54.8140, 18.8257, -18.2539



61.0930, 29.0412, -28.1456



42.2210, 25.0340, -2.8248



42.7440, 1.6052, -1.5295



38.9550, 35.0252, -34.1635



83.3700, 75.7396, -73.1155

Inverse Universe

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



54.3770, 1.7861, 33.8724



60.4270, 2.7475, 52.2455



84.7790, -25.0340, 2.8248



42.7230, 0.1366, 2.8739



38.0200, 3.4411, 63.1265



81.8070, 6.9971, 136.1043

Previews

White Background



This preview shows how the YUV color 54.8140, 18.8257, -18.2539 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 54.8140, 18.8257, -18.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

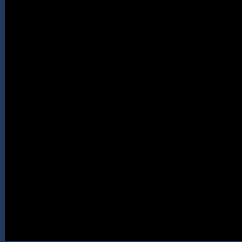
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8140, 18.8257, -18.2539

Background



This preview shows how black text looks on a background with the YUV color 54.8140, 18.8257, -18.2539.



This preview shows how white text looks on a background with the YUV color 54.8140, 18.8257, -18.2539.

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

54.8140, 18.8257, -18.2539

Protanopia

56.4020, 17.0568, -10.8766

Deuteranopia

55.4120, 18.5309, -17.0243



Tritanopia

51.0120, 8.3751, -26.3205

Trichromacy



Original Color

54.8140, 18.8257, -18.2539

Protanomaly

55.9070, 17.7938, -13.9504

Deuteranomaly

55.1130, 18.6783, -17.6391

Tritanomaly

52.3590, 12.1480, -23.1168

Monochromacy



Original Color

54.8140, 18.8257, -18.2539

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8140, 18.8257, -18.2539 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(34, 58, 93)` looks like.

```
.text, #text, p{  
    color:rgb(34, 58, 93)  
}
```

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(34, 58, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 58, 93) }
```

Border

The CSS property to change the border of an element to YUV 54.8140, 18.8257, -18.2539 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(34, 58, 93) }
```


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

```
.border{ border-color:rgb(34, 58, 93) }
```

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

Here you see how a box with a 4 pixel rgb(34, 58, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 58, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 58, 93);  
box-shadow:4px 4px 4px 4px rgb(34, 58, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8140, 18.8257, -18.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 58, 93) }
```

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

```
.background{ background-color: rgb(34, 58,  
93) }
```

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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