

Converting Colors

YUV(52.8140, 18.8257,
-18.2539)

Have a look what the booklet for
YUV(52.8140, 18.8257, -18.2539)
contains.

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Color

**YUV(52.8140, 18.8257,
-18.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	20385B
RGB	32, 56, 91
RGB Percent	13%, 22%, 36%
CMY	0.8745, 0.7804, 0.6431
CMYK	0.65, 0.38, 0.00, 0.64
HSL	216°, 48%, 24%
HSV	216°, 65%, 36%
XYZ	3.8982, 3.8908, 10.4431
YIQ	52.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

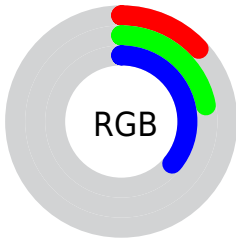
Format	Color
R_YB	32, 49, 91
Decimal	2111579
CIE Lab	23.31, 3.00, -23.78
CIE LCh	23, 23.967, 277.197
Yxy	3.8908, 0.2138, 0.2134
Android (android.graphics.Color)	4280301659 (0xFF20385B)
YUV	52.8140, 18.8257, -18.2539
Hunter-Lab	19.7250, 0.7574, -17.5826

Details

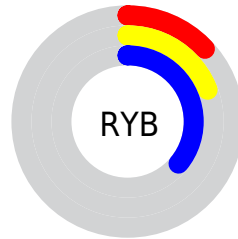
The YUV color **52.8140, 18.8257, -18.2539** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70.1860, -18.8257, 18.2539**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0530, 19.6939, -16.7095**, and **12.1740, 16.1832, -10.6766** is the 20% darker color. If you saturate the color by 10%, you get **47.1880, 21.5993, -21.2129**, and if you desaturate by 10%, it is **58.4400, 16.0521, -15.2949**.

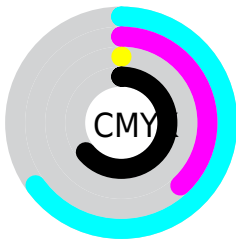
Distribution



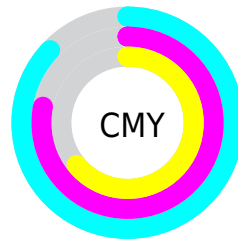
- Red (13%)
- Green (22%)
- Blue (36%)



- Red (13%)
- Yellow (19%)
- Blue (36%)



- Cyan (65%)
- Magenta (38%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8140, 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 52.8140, 18.8257, -18.2539 by changing the saturation by 10% instead.

■ 52.8140, 18.8257,
-18.2539

■ 52.8140, 18.8257,
-18.2539

■ 255.0000, 0.0000,
0.0000

■ 28.7810, 18.8420,
-23.4869

■ 101.0530, 19.6939,
-16.7095

■ 12.1740, 16.1832,
-10.6766

■ 126.5800, 20.4201,
-16.2947

■ 3.3230, 10.1938,
-2.9143

■ 152.1070, 21.1462,
-15.8798

■ 0.0000, 0.0000,
0.0000

■ 179.2210, 21.5830,
-15.9798

■ 207.0360, 22.1673,
-16.6946

■ 232.4850, 11.0999,

-13.5803

■ 252.3090, 1.3267,
-5.5330

■ 52.8140, 18.8257,
-18.2539

■ 52.8140, 18.8257,
-18.2539

■ 47.1880, 21.5993,
-21.2129

■ 58.4400, 16.0521,
-15.2949

■ 40.9750, 24.6623,
-23.6571

■ 64.6530, 12.9891,
-12.8507

■ 35.3490, 27.4359,
-26.6161

■ 70.2790, 10.2155,
-9.8917

■ 32.0930, 29.0412,
-28.1456

■ 76.4920, 7.1524,
-7.4475

■ 82.4170, 4.2314,
-3.8737

■ 88.0430, 1.4578,
-0.9147

■ 94.2560, -1.6052,
1.5295

■ 99.8820, -4.3788,
4.4885

■ 106.0950, -7.4418,
6.9327

Harmonies

Analogous

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



45.8390, 20.7854, -40.2008



52.8140, 18.8257, -18.2539



57.1760, 13.2242, 5.1076

Triad

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



52.8140, 18.8257, -18.2539



55.2440, -9.9803, 27.8500



47.3250, -3.1182, -26.5950

Complementary

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



52.8140, 18.8257, -18.2539



70.1860, -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.



51.6280, -12.6346, -7.5668



52.8140, 18.8257, -18.2539



54.8810, -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.



52.8140, 18.8257, -18.2539



56.0190, -1.9814, 28.9243



53.4620, -17.4828, 7.4878



44.8810, 6.9607, -39.3606

Rectangle

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



52.8140, 18.8257, -18.2539



57.6890, 8.5343, 16.0587



53.4620, -17.4828, 7.4878



49.0440, -6.9237, -19.3326

Sweetspot

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



52.8140, 18.8257, -18.2539



102.7910, 7.0050, -6.8327



70.5090, -2.2229, -33.7724



50.1180, 4.3788, -4.4885



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



52.8140, 18.8257, -18.2539



58.0930, 29.0412, -28.1456



40.2210, 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.



52.3770, 1.7861, 33.8724



57.4270, 2.7475, 52.2455



82.7790, -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 52.8140, 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 52.8140, 18.8257, -18.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

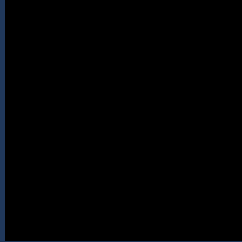
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8140, 18.8257, -18.2539

Background



This preview shows how black text looks on a background with the YUV color 52.8140, 18.8257, -18.2539.



This preview shows how white text looks on a background with the YUV color 52.8140, 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

52.8140, 18.8257, -18.2539

Protanopia

54.5160, 17.4936, -10.9765

Deuteranopia

53.1130, 18.6783, -17.6391



Tritanopia

48.7130, 8.5225, -26.9353

Trichromacy



Original Color

52.8140, 18.8257, -18.2539

Protanomaly

53.9070, 17.7938, -13.9504

Deuteranomaly

53.1130, 18.6783, -17.6391

Tritanomaly

50.0600, 12.2954, -23.7316

Monochromacy



Original Color

52.8140, 18.8257, -18.2539

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8140, 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(32, 56, 91)` looks like.

```
.text, #text, p{  
    color:rgb(32, 56, 91)  
}
```

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(32, 56, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 56, 91) }
```

Border

The CSS property to change the border of an element to YUV 52.8140, 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(32, 56, 91) }
```


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

```
.border{ border-color:rgb(32, 56, 91) }
```

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

Here you see how a box with a 4 pixel rgb(32, 56, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 56, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 56, 91);  
box-shadow:4px 4px 4px 4px rgb(32, 56, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8140, 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(32, 56, 91) }
```

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

```
.background{ background-color: rgb(32, 56,  
91) }
```

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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