

Converting Colors

YUV(52.5380, 14.0318,
-20.6428)

Have a look what the booklet for
YUV(52.5380, 14.0318, -20.6428)
contains.

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Color

**YUV(52.5380, 14.0318,
-20.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3B51
RGB	29, 59, 81
RGB Percent	11%, 23%, 32%
CMY	0.8863, 0.7686, 0.6824
CMYK	0.64, 0.27, 0.00, 0.68
HSL	205°, 47%, 22%
HSV	205°, 64%, 32%
XYZ	3.5559, 3.9832, 8.3660
YIQ	52.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

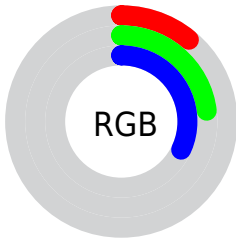
Format	Color
R_{YB}	29, 48, 81
Decimal	1915729
CIE Lab	23.62, -3.53, -16.72
CIE LCh	24, 17.091, 258.075
Yxy	3.9832, 0.2236, 0.2504
Android (android.graphics.Color)	4280105809 (0xFF1D3B51)
YUV	52.5380, 14.0318, -20.6428
Hunter-Lab	19.9580, -3.1237, -10.8826




Details

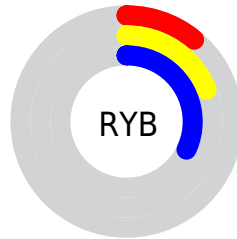
The YUV color **52.5380, 14.0318, -20.6428** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57.4620, -14.0318, 20.6428**, and the grayscale version is **52.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **100.3640, 14.6105, -19.6132**, and **13.4960, 11.0945, -11.8360** is the 20% darker color. If you saturate the color by 10%, you get **48.3850, 16.0792, -24.0166**, and if you desaturate by 10%, it is **56.6910, 11.9843, -17.2690**.

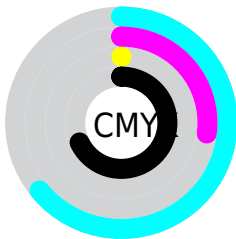
Distribution







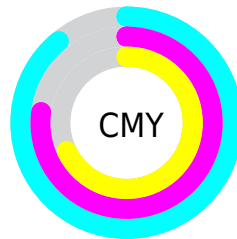
-  Red (11%)
-  Green (23%)
-  Blue (32%)






-  Red (11%)
-  Yellow (19%)
-  Blue (32%)



-  Cyan (64%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (89%)
-  Magenta (77%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5380, 14.0318, -20.6428 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 52.5380, 14.0318, -20.6428 by changing the saturation by 10% instead.

■ 52.5380, 14.0318,
-20.6428

■ 52.5380, 14.0318,
-20.6428

■ 255.0000, 0.0000,
0.0000

■ 28.6300, 14.4794,
-24.2315

■ 100.3640, 14.6105,
-19.6132

■ 13.4960, 11.0945,
-11.8360

■ 125.5920, 15.4841,
-19.8132

■ 2.1830, 5.8258,
-1.9145

■ 151.5920, 15.4841,
-19.8132

■ 0.0000, 0.0000,
0.0000

■ 178.7060, 15.9209,
-19.9132

■ 206.4070, 16.0683,
-20.5279

■ 233.0390, 10.8268,

-19.3282

250.5150, 2.2111,
-9.2217

52.5380, 14.0318,
-20.6428

52.5380, 14.0318,
-20.6428

48.3850, 16.0792,
-24.0166

56.6910, 11.9843,
-17.2690

43.6450, 18.4160,
-26.8757

61.4310, 9.6475,
-14.4100

39.4920, 20.4634,
-30.2495

65.5840, 7.6001,
-11.0362

36.8230, 21.7793,
-32.2938

70.3240, 5.2633,
-8.1771

74.7760, 3.0684,
-4.1886

■ 79.5160, 0.7316,
-1.3295

■ 83.6690, -1.3158,
2.0443

■ 87.8220, -3.3632,
5.4181

■ 92.5620, -5.7001,
8.2771

Harmonies

Analogous

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



47.3360, 13.6384, -34.4977



52.5380, 14.0318, -20.6428



56.3550, 11.6570, -5.5733

Triad

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



52.5380, 14.0318, -20.6428



57.3940, -4.1382, 20.7025



52.8110, -6.8088, -9.4812

Complementary

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



52.5380, 14.0318, -20.6428



57.4620, -14.0318, 20.6428

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.



54.7370, -11.2093, 1.9847



52.5380, 14.0318, -20.6428



56.4170, -9.0796, 18.9283

Square

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



52.5380, 14.0318, -20.6428



57.9790, 1.9824, 17.5584



55.8630, -12.2575, 11.5211



50.5690, 0.2125, -21.5470

Rectangle

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



52.5380, 14.0318, -20.6428



57.7260, 9.0091, 3.7483



55.8630, -12.2575, 11.5211



53.3770, -8.5669, -5.5926

Sweetspot

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



52.5380, 14.0318, -20.6428



93.7370, 5.5527, -7.6623



62.0320, -5.4388, -28.9691



46.5910, 3.6526, -4.9033



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



52.5380, 14.0318, -20.6428



60.2360, 22.0687, -31.7790



37.2760, 21.5559, -7.2581



38.6300, 1.1684, -1.4295



47.1900, 28.5003, -41.3856



105.1060, 62.5587, -92.1780

Inverse Universe

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



47.9680, 5.4388, 28.9691



53.4630, 8.1527, 45.1979



72.7240, -21.5559, 7.2581



38.4240, 0.2840, 2.2592



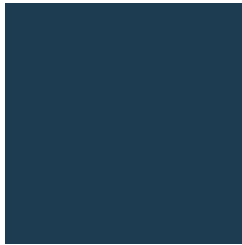
38.2350, 10.7301, 58.5529



84.6440, 24.3325, 129.2312

Previews

White Background



This preview shows how the YUV color 52.5380, 14.0318, -20.6428 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 52.5380, 14.0318, -20.6428 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

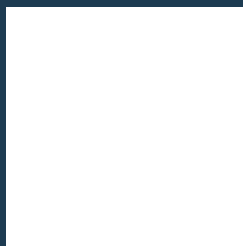
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.5380, 14.0318, -20.6428

Background



This preview shows how black text looks on a background with the YUV color 52.5380, 14.0318, -20.6428.



This preview shows how white text looks on a background with the YUV color 52.5380, 14.0318,

-20.6428.

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

52.5380, 14.0318, -20.6428

Protanopia

55.8280, 10.9308, -5.9882

Deuteranopia

55.9740, 12.8308, -8.7472



Tritanopia

50.3110, 8.2277, -25.7057

Trichromacy



Original Color

52.5380, 14.0318, -20.6428

Protanomaly

54.4360, 12.1101, -10.9064

Deuteranomaly

54.7670, 13.4259, -12.9507

Tritanomaly

51.1910, 10.2588, -23.8465

Monochromacy



Original Color

52.5380, 14.0318, -20.6428

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6230, 5.1159, -7.5624

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5380, 14.0318, -20.6428 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(29, 59, 81)` looks like.

```
.text, #text, p{  
    color:rgb(29, 59, 81)  
}
```

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(29, 59, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 59, 81) }
```

Border

The CSS property to change the border of an element to YUV 52.5380, 14.0318, -20.6428 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(29, 59, 81) }
```


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

```
.border{ border-color:rgb(29, 59, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 59, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 59, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 59, 81);  
box-shadow:4px 4px 4px 4px rgb(29, 59, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.5380, 14.0318, -20.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 59, 81) }
```

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

```
.background{ background-color: rgb(29, 59,  
81) }
```

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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