

Converting Colors

YUV(53.2180, 12.7105,
-16.8542)

Have a look what the booklet for
YUV(53.2180, 12.7105, -16.8542)
contains.

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Color

**YUV(53.2180, 12.7105,
-16.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	223A4F
RGB	34, 58, 79
RGB Percent	13%, 23%, 31%
CMY	0.8667, 0.7725, 0.6902
CMYK	0.57, 0.27, 0.00, 0.69
HSL	208°, 40%, 22%
HSV	208°, 57%, 31%
XYZ	3.5840, 3.9307, 7.9669
YIQ	53.2180, -21.0450, 1.4430

Conversions

Conversions Part 2

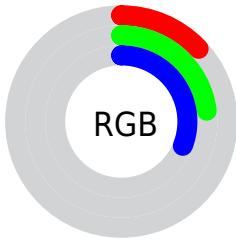
Format	Color
R_{YB}	34, 50, 79
Decimal	2243151
CIE _{Lab}	23.44, -2.34, -15.65
CIE _{LCh}	23, 15.823, 261.505
Yxy	3.9307, 0.2315, 0.2539
Android (android.graphics.Color)	4280433231 (0xFF223A4F)
YUV	53.2180, 12.7105, -16.8542
Hunter-Lab	19.8260, -2.4274, -9.9471

Details

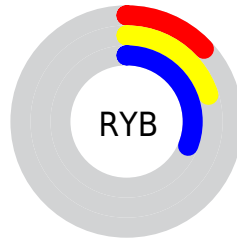
The YUV color **53.2180, 12.7105, -16.8542** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.7820, -12.7105, 16.8542**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7450, 13.4367, -16.4394**, and **12.7950, 10.9471, -11.2212** is the 20% darker color. If you saturate the color by 10%, you get **48.4780, 15.0473, -19.7132**, and if you desaturate by 10%, it is **57.9580, 10.3737, -13.9952**.

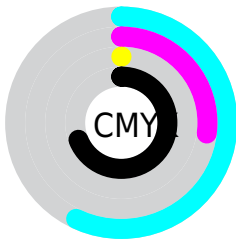
Distribution



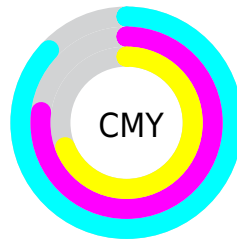
- Red (13%)
- Green (23%)
- Blue (31%)



- Red (13%)
- Yellow (20%)
- Blue (31%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.2180, 12.7105, -16.8542 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 53.2180, 12.7105, -16.8542 by changing the saturation by 10% instead.

■ 53.2180, 12.7105,
-16.8542

■ 53.2180, 12.7105,
-16.8542

■ 255.0000, 0.0000,
0.0000

■ 30.7940, 12.4266,
-19.1133

■ 100.7450, 13.4367,
-16.4394

■ 12.7950, 10.9471,
-11.2212

■ 125.8590, 13.8735,
-16.5393

■ 1.2540, 4.8048,
-1.0998

■ 151.9730, 14.3103,
-16.6393

■ 0.0000, 0.0000,
0.0000

■ 179.0870, 14.7471,
-16.7393

■ 206.7880, 14.8945,
-17.3541

■ 233.6480, 10.5265,

-16.3543

251.4120, 1.7689,
-7.3773

53.2180, 12.7105,
-16.8542

53.2180, 12.7105,
-16.8542

48.4780, 15.0473,
-19.7132

57.9580, 10.3737,
-13.9952

44.3250, 17.0948,
-23.0870

62.1110, 8.3263,
-10.6213

39.5850, 19.4316,
-25.9460

66.8510, 5.9895,
-7.7623

34.8450, 21.7684,
-28.8051

71.5910, 3.6526,
-4.9033

33.6600, 22.3526,
-29.5198

75.7440, 1.6052,
-1.5295

■ 80.1850, -0.5842,
0.7148

■ 84.9250, -2.9210,
3.5738

■ 89.0780, -4.9685,
6.9476

■ 93.8180, -7.3053,
9.8066

Harmonies

Analogous

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



49.3260, 12.1643, -28.3499



53.2180, 12.7105, -16.8542



56.4370, 10.6306, -3.0142

Triad

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



53.2180, 12.7105, -16.8542



56.6820, -4.2802, 19.5729



53.0390, -5.9352, -9.6812

Complementary

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



53.2180, 12.7105, -16.8542



59.7820, -12.7105, 16.8542

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.



54.3670, -10.0409, 0.5551



53.2180, 12.7105, -16.8542



56.1070, -8.9268, 16.5692

Square

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



53.2180, 12.7105, -16.8542



57.4520, 1.2562, 17.1436



55.3790, -11.5258, 10.1916



50.3950, 0.7913, -20.5174

Rectangle

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



53.2180, 12.7105, -16.8542



57.2100, 8.2775, 5.0778



55.3790, -11.5258, 10.1916



53.3060, -7.5459, -6.4074

Sweetspot

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



53.2180, 12.7105, -16.8542



92.2210, 4.8210, -6.3328



62.8090, -3.8498, -25.2655



45.0750, 2.9210, -3.5738



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.



53.2180, 12.7105, -16.8542



62.5850, 19.4316, -25.9460



39.7170, 19.3665, -5.0138



35.6300, 1.1684, -1.4295



43.3260, 28.9263, -37.9969



97.8340, 65.1578, -85.8004

Inverse Universe

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



50.1910, 3.8498, 25.2655



57.8490, 5.9904, 38.7204



73.2830, -19.3665, 5.0138



35.4240, 0.2840, 2.2592



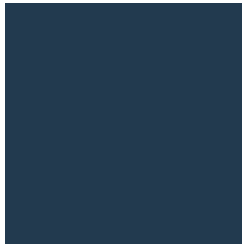
36.6540, 8.5516, 57.3084



82.6780, 19.3857, 129.2014

Previews

White Background



This preview shows how the YUV color 53.2180, 12.7105, -16.8542 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 53.2180, 12.7105, -16.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

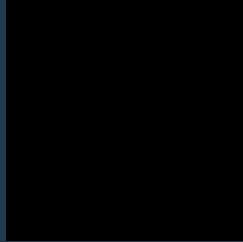
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

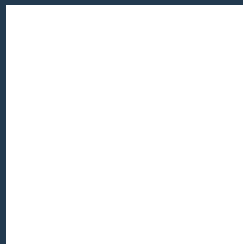
Any Text WCAG AAA × Fail

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

YUV 53.2180, 12.7105, -16.8542 Background



This preview shows how black text looks on a background with the YUV color 53.2180, 12.7105, -16.8542.



This preview shows how white text looks on a background with the YUV color 53.2180, 12.7105,

-16.8542.

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

53.2180, 12.7105, -16.8542

Protanopia

55.7140, 10.4940, -5.8882

Deuteranopia

55.4580, 12.0992, -7.4177



Tritanopia

51.8880, 6.4642, -20.0728

Trichromacy



Original Color

53.2180, 12.7105, -16.8542

Protanomaly

54.9200, 11.3784, -9.5768

Deuteranomaly

54.5500, 12.5469, -11.0063

Tritanomaly

52.4690, 8.6428, -18.8283

Monochromacy



Original Color

53.2180, 12.7105, -16.8542

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.2180, 12.7105, -16.8542 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(34, 58, 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(34, 58, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 58, 79) }
```

Border

The CSS property to change the border of an element to YUV 53.2180, 12.7105, -16.8542 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, 79) }
```


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

```
.border{ border-color:rgb(34, 58, 79) }
```

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, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 58, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 58, 79);  
box-shadow:4px 4px 4px 4px rgb(34, 58, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.2180, 12.7105, -16.8542 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, 79) }
```

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

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