

Converting Colors

YUV(48.2180, 53.1365, -9.8382)

Have a look what the booklet for
YUV(48.2180, 53.1365, -9.8382)
contains.

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Color

**YUV(48.2180, 53.1365,
-9.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	25219C
RGB	37, 33, 156
RGB Percent	15%, 13%, 61%
CMY	0.8549, 0.8706, 0.3882
CMYK	0.76, 0.79, 0.00, 0.39
HSL	242°, 65%, 37%
HSV	242°, 79%, 61%
XYZ	7.3076, 3.8813, 31.8165
YIQ	48.2180, -37.0990, 39.1010

Conversions

Conversions Part 2

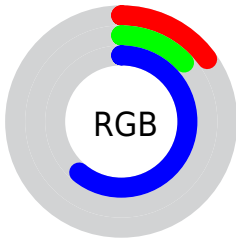
Format	Color
R_{YB}	37, 33, 156
Decimal	2433436
CIE _{Lab}	23.28, 43.32, -65.00
CIE _{LCh}	23, 78.114, 303.681
Yxy	3.8813, 0.1699, 0.0903
Android (android.graphics.Color)	4280623516 (0xFF25219C)
YUV	48.2180, 53.1365, -9.8382
Hunter-Lab	19.7011, 31.7326, -81.9604

Details

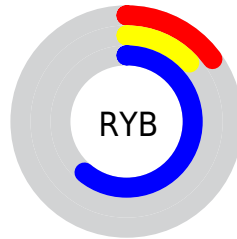
The YUV color **48.2180, 53.1365, -9.8382** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **140.7820, -53.1365, 9.8382**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9250, 54.2670, 0.9428**, and **11.7420, 44.9902, -10.2977** is the 20% darker color. If you saturate the color by 10%, you get **34.3410, 59.9779, -10.8231**, and if you desaturate by 10%, it is **62.0950, 46.2952, -8.8533**.

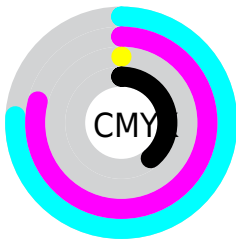
Distribution



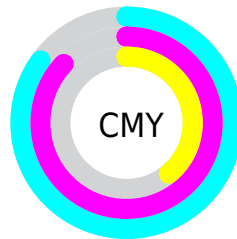
- Red (15%)
- Green (13%)
- Blue (61%)



- Red (15%)
- Yellow (13%)
- Blue (61%)



- Cyan (76%)
- Magenta (79%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (87%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2180, 53.1365, -9.8382 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 48.2180, 53.1365, -9.8382 by changing the saturation by 10% instead.

■ 48.2180, 53.1365,
-9.8382

■ 48.2180, 53.1365,
-9.8382

■ 255.0000, 0.0000,
0.0000

■ 20.5760, 53.4530,
-18.0452

■ 101.9250, 54.2670,
0.9428

■ 11.7420, 44.9902,
-10.2977

■ 128.5770, 55.4245,
3.0020

■ 8.8920, 34.0702,
-7.7983

■ 153.8180, 49.8827,
7.1756

■ 9.0910, 22.1401,
-7.9728

■ 178.3380, 37.7944,
11.1046

■ 4.8220, 13.3988,
-4.2289

■ 203.1570, 25.5586,
15.6483

■ 0.4560, 1.7472,
-0.3999

■ 228.5630, 13.0334,

■ 0.0000, 0.0000,

19.6772

0.0000

246.1950, 4.3409,
7.7220

48.2180, 53.1365,
-9.8382

48.2180, 53.1365,
-9.8382

34.3410, 59.9779,
-10.8231

62.0950, 46.2952,
-8.8533

21.0510, 66.5299,
-12.3227

75.3850, 39.7432,
-7.3536

19.2790, 67.4035,
-12.5227

89.2620, 32.9018,
-6.3688

102.5520, 26.3499,
-4.8691

116.4290, 19.5085,
-3.8842

■ 130.6050, 12.5197,
-2.2846

■ 143.8950, 5.9678,
-0.7849

■ 157.7720, -0.8736,
0.2000

■ 171.0620, -7.4256,
1.6996

Harmonies

Analogous

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



57.7460, 58.7922, -50.6432



48.2180, 53.1365, -9.8382



49.8010, 29.1851, 65.9495

Triad

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



48.2180, 53.1365, -9.8382



47.5540, -23.4441, 53.0111



51.0930, 5.3772, -44.8086

Complementary

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



48.2180, 53.1365, -9.8382



140.7820, -53.1365, 9.8382

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.



42.8510, -21.1255, -37.5803



48.2180, 53.1365, -9.8382



51.7090, -25.4925, 9.9022

Square

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



48.2180, 53.1365, -9.8382



41.5610, -20.4896, 85.4540



39.9160, -19.6786, -35.0063



58.2920, 30.4220, -51.1221

Rectangle

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



48.2180, 53.1365, -9.8382



51.4490, 9.6386, 82.0442



39.9160, -19.6786, -35.0063



48.1120, -3.5062, -42.1942

Sweetspot

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



48.2180, 53.1365, -9.8382



161.1840, 21.1083, -3.6694



118.0490, 18.7098, -74.5880



75.7190, 12.9565, -2.3846



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



48.2180, 53.1365, -9.8382



34.2090, 83.7070, -15.0923



66.1580, 44.2921, 27.0484



71.9120, 3.4944, -0.7998



17.7970, 61.7251, -11.2230



1.7100, 6.5520, -1.4997

Inverse Universe

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



83.3430, 33.8479, 63.7202



89.4380, 53.5211, 100.4709



122.8420, -44.2921, -27.0484



74.3040, 2.3151, 4.1184



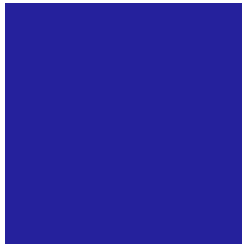
58.4890, 39.1989, 74.1161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 48.2180, 53.1365, -9.8382 looks on a white background.

Color Contrast Check

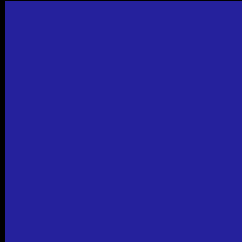
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2180, 53.1365, -9.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

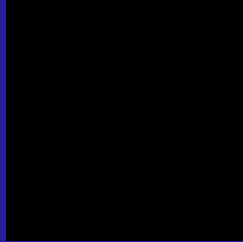
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2180, 53.1365, -9.8382

Background



This preview shows how black text looks on a background with the YUV color 48.2180, 53.1365, -9.8382.



This preview shows how white text looks on a background with the YUV color 48.2180, 53.1365,

-9.8382.

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

48.2180, 53.1365, -9.8382

Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

45.1040, 25.5847, -39.5562



Tritanopia

43.9180, 10.8864, -38.5161

Trichromacy



Original Color

48.2180, 53.1365, -9.8382

Protanomaly

45.5950, 41.1187, -28.5858

Deuteranomaly

46.1020, 35.4457, -29.0305

Tritanomaly

45.1100, 26.5678, -28.1605

Monochromacy



Original Color

48.2180, 53.1365, -9.8382

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.3150, 19.0717, -3.7843

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2180, 53.1365, -9.8382 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(37, 33, 156)` looks like.

```
.text, #text, p{  
    color:rgb(37, 33, 156)  
}
```

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(37, 33, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 33, 156) }
```

Border

The CSS property to change the border of an element to YUV 48.2180, 53.1365, -9.8382 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(37, 33, 156) }
```


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

```
.border{ border-color:rgb(37, 33, 156) }
```

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

Here you see how a box with a 4 pixel rgb(37, 33, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 33, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 33, 156);  
box-shadow:4px 4px 4px 4px rgb(37, 33,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 48.2180, 53.1365, -9.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 33, 156) }
```

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

```
.background{ background-color: rgb(37, 33,  
156) }
```

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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