

Converting Colors

YUV(51.2190, 38.3460, 20.8559)

Have a look what the booklet for
YUV(51.2190, 38.3460, 20.8559)
contains.

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Color

**YUV(51.2190, 38.3460,
20.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1881
RGB	75, 24, 129
RGB Percent	29%, 9%, 51%
CMY	0.7059, 0.9059, 0.4941
CMYK	0.42, 0.81, 0.00, 0.49
HSL	269°, 69%, 30%
HSV	269°, 81%, 51%
XYZ	7.1907, 3.7341, 21.1106
YIQ	51.2190, -3.3090, 43.4670

Conversions

Conversions Part 2

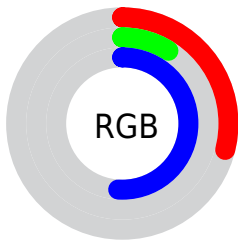
Format	Color
RYB	75, 24, 129
Decimal	4921473
CIELab	22.77, 44.35, -48.91
CIELCh	23, 66.021, 312.201
Yxy	3.7341, 0.2245, 0.1166
Android (android.graphics.Color)	4283111553 (0xFF4B1881)
YUV	51.2190, 38.3460, 20.8559
Hunter-Lab	19.3238, 32.6063, -51.2457

Details

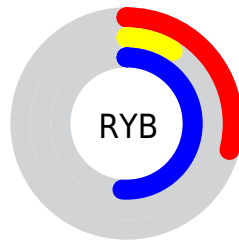
The YUV color **51.2190, 38.3460, 20.8559** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **101.7810, -38.3460, -20.8559**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8710, 39.5036, 22.9151**, and **15.2850, 31.4115, 5.0121** is the 20% darker color. If you saturate the color by 10%, you get **41.4950, 43.1400, 23.2449**, and if you desaturate by 10%, it is **60.9430, 33.5521, 18.4670**.

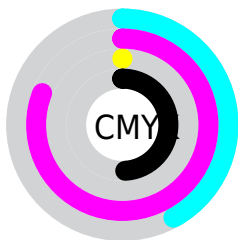
Distribution



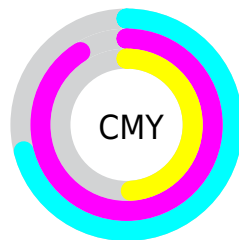
- Red (29%)
- Green (9%)
- Blue (51%)



- Red (29%)
- Yellow (9%)
- Blue (51%)



- Cyan (42%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2190, 38.3460, 20.8559 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 51.2190, 38.3460, 20.8559 by changing the saturation by 10% instead.

■ 51.2190, 38.3460,
20.8559

■ 51.2190, 38.3460,
20.8559

■ 255.0000, 0.0000,
0.0000

■ 26.0940, 37.9147,
19.2116

■ 102.8710, 39.5036,
22.9151

■ 15.2850, 31.4115,
5.0121

■ 129.1100, 40.3718,
24.4595

■ 6.2700, 24.0239,
-5.4988

■ 155.9360, 40.9506,
25.4891

■ 4.8220, 13.3988,
-4.2289

■ 182.2800, 35.8510,
27.8184

■ 0.5700, 2.1840,
-0.4999


■ 206.8000, 23.7626,
31.7474


■ 0.0000, 0.0000,
0.0000


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 51.2190, 38.3460,
20.8559


 51.2190, 38.3460,
20.8559


 41.4950, 43.1400,
23.2449


 60.9430, 33.5521,
18.4670

 33.5430, 47.0603,
25.8338

 70.3680, 28.9056,
15.4633

 80.0920, 24.1116,
13.0743

 89.8160, 19.3177,
10.6854

 99.2410, 14.6712,
7.6816

■ 108.3780, 10.1666,
5.8075

■ 117.8030, 5.5201,
2.8038

■ 127.5270, 0.7262,
0.4148

■ 137.2510, -4.0677,
-1.9741

Harmonies

Analogous

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



50.4280, 51.0610, -44.2254



51.2190, 38.3460, 20.8559



46.5810, 19.4336, 67.0195

Triad

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



51.2190, 38.3460, 20.8559



50.6890, -24.9897, 35.3527



50.7000, 11.4869, -44.4639

Complementary

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



51.2190, 38.3460, 20.8559



101.7810, -38.3460, -20.8559

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.



44.0710, -11.3740, -38.6503



51.2190, 38.3460, 20.8559



49.2840, -24.2970, -0.2491

Square

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



51.2190, 38.3460, 20.8559



36.1790, -17.8362, 74.3880



39.3290, -19.3892, -34.4915



56.0580, 32.0164, -49.1629

Rectangle

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



51.2190, 38.3460, 20.8559



46.1080, 3.3978, 77.0813



39.3290, -19.3892, -34.4915



48.7620, 4.0613, -42.7643

Sweetspot

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



51.2190, 38.3460, 20.8559



138.5400, 14.5238, 8.2964



67.6680, 30.2367, -38.2968



66.3240, 8.7143, 4.9779



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



51.2190, 38.3460, 20.8559



45.7300, 60.2791, 32.6858



66.7670, 30.6809, 52.8243



58.6950, 2.6154, 1.1445



33.1300, 46.7709, 25.3190



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.5510, 8.1094, 59.1528



62.0250, 12.8057, 92.9401



86.2330, -30.6809, -52.8243



59.5490, 0.7153, 3.9035



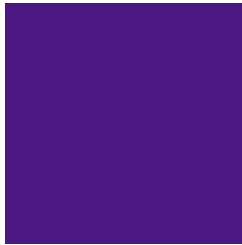
45.7960, 9.9606, 72.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.2190, 38.3460, 20.8559 looks on a white background.

Color Contrast Check

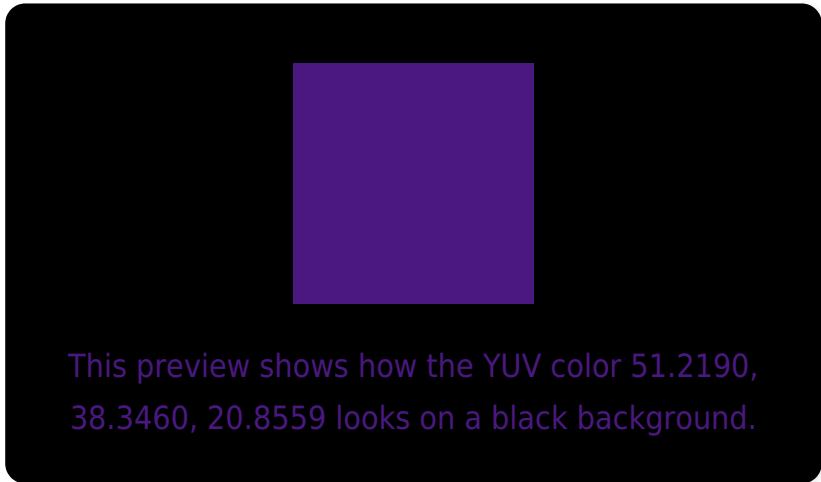
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

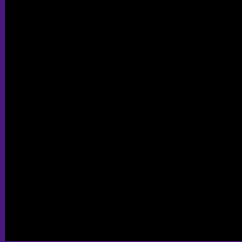
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2190, 38.3460, 20.8559

Background



This preview shows how black text looks on a background with the YUV color 51.2190, 38.3460, 20.8559.



This preview shows how white text looks on a background with the YUV color 51.2190, 38.3460,

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

51.2190, 38.3460, 20.8559

Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

44.5170, 25.8741, -39.0414



Tritanopia

55.9510, 1.0102, 2.6740

Trichromacy



Original Color

51.2190, 38.3460, 20.8559

Protanomaly

46.8800, 35.5552, -17.4348

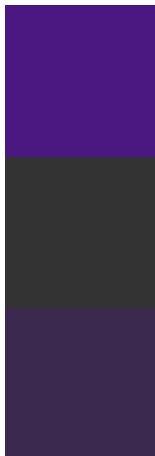
Deuteranomaly

46.9140, 30.6084, -17.4646

Tritanomaly

54.2520, 14.6658, 9.4260

Monochromacy



Original Color

51.2190, 38.3460, 20.8559

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0130, 13.7976, 7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2190, 38.3460, 20.8559 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(75, 24, 129)` looks like.

```
.text, #text, p{  
    color:rgb(75, 24, 129)  
}
```

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(75, 24, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 24, 129) }
```

Border

The CSS property to change the border of an element to YUV 51.2190, 38.3460, 20.8559 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(75, 24, 129) }
```


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

```
.border{ border-color:rgb(75, 24, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 24, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 24, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 24, 129);  
box-shadow:4px 4px 4px 4px rgb(75, 24,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 51.2190, 38.3460, 20.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 24, 129) }
```

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

```
.background{ background-color: rgb(75, 24,  
129) }
```

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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