

Converting Colors

YUV(51.9470, 0.5191, 20.2175)

Have a look what the booklet for
YUV(51.9470, 0.5191, 20.2175)
contains.

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Color

**YUV(51.9470, 0.5191,
20.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2835
RGB	75, 40, 53
RGB Percent	29%, 16%, 21%
CMY	0.7059, 0.8431, 0.7922
CMYK	0.00, 0.47, 0.29, 0.71
HSL	338°, 30%, 23%
HSV	338°, 47%, 29%
XYZ	4.3030, 3.2705, 3.7726
YIQ	51.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

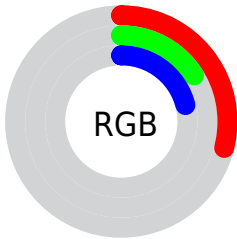
Format	Color
R_{YB}	75, 40, 53
Decimal	4925493
CIE _{Lab}	21.10, 18.31, -1.24
CIE _{LCh}	21, 18.348, 356.116
Yxy	3.2705, 0.3793, 0.2882
Android (android.graphics.Color)	4283115573 (0xFF4B2835)
YUV	51.9470, 0.5191, 20.2175
Hunter-Lab	18.0845, 10.8247, 0.2905

Details

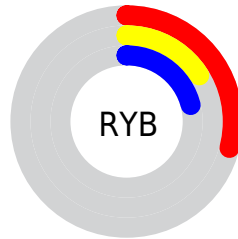
The YUV color **51.9470, 0.5191, 20.2175** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.0530, -0.5191, -20.2175**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1430, -0.0705, 22.6766**, and **10.7790, -1.3700, 19.4878** is the 20% darker color. If you saturate the color by 10%, you get **47.2680, 0.3609, 24.3210**, and if you desaturate by 10%, it is **57.2130, 0.3880, 15.5992**.

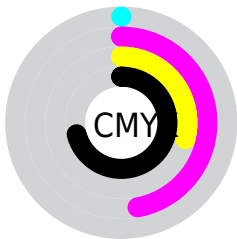
Distribution



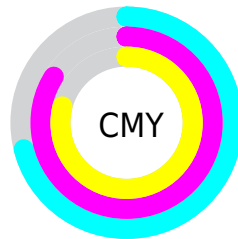
- Red (29%)
- Green (16%)
- Blue (21%)



- Red (29%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (71%)



- Cyan (71%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9470, 0.5191, 20.2175 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 51.9470, 0.5191, 20.2175 by changing the saturation by 10% instead.

■ 51.9470, 0.5191,
20.2175

■ 51.9470, 0.5191,
20.2175

■ 255.0000, 0.0000,
0.0000

■ 30.0500, 0.9614,
18.3732

■ 99.1430, -0.0705,
22.6766

■ 10.7790, -1.3700,
19.4878

■ 124.4420, -0.2179,
23.2914

■ 0.0000, 0.0000,
0.0000

■ 150.1540, -0.0759,
24.4209

■ 177.4530, -0.2233,
25.0357

■ 205.0510, -0.5181,
26.2653

■ 230.6590, 0.6611,

21.3471

249.7170, 2.6045,
4.6332

51.9470, 0.5191,
20.2175

51.9470, 0.5191,
20.2175

47.2680, 0.3609,
24.3210

57.2130, 0.3880,
15.5992

42.1160, 0.9288,
28.8393

61.7780, 0.1094,
11.5957

37.4370, 0.7706,
32.9428

67.0440, -0.0217,
6.9774

32.1710, 0.9017,
37.5610

71.7230, 0.1366,
2.8739

27.4920, 0.7434,
41.6645

76.9890, 0.0054,
-1.7444

■ 25.6170, 1.1748,
43.3089

■ 81.5540, -0.2731,
-5.7479

■ 86.8200, -0.4043,
-10.3661

■ 91.4990, -0.2460,
-14.4696

■ 96.6510, -0.8139,
-18.9879

Harmonies

Analogous

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



52.4990, 6.6560, 11.8404



51.9470, 0.5191, 20.2175



51.3510, -5.5960, 21.6172

Triad

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



51.9470, 0.5191, 20.2175



48.1280, -10.9091, -0.9893



41.1940, 15.6804, -36.1271

Complementary

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



51.9470, 0.5191, 20.2175



63.0530, -0.5191, -20.2175

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.



41.1140, 10.2968, -36.0570



51.9470, 0.5191, 20.2175



46.1310, -5.4876, -13.2699

Square

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



51.9470, 0.5191, 20.2175



49.6240, -13.1256, 9.9768



42.5080, 2.7076, -28.5095



47.6630, 14.4631, -18.9985

Rectangle

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



51.9470, 0.5191, 20.2175



51.0150, -9.3744, 20.1578



42.5080, 2.7076, -28.5095



41.4390, 14.0806, -36.3420

Sweetspot

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



51.9470, 0.5191, 20.2175



87.7560, 0.1203, 8.1070



50.5680, 12.0450, 10.0259



42.7340, 0.1311, 4.6183



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



51.9470, 0.5191, 20.2175



61.4260, 0.7760, 31.1984



52.8130, -6.3168, 19.4580



35.4240, 0.2840, 2.2592



34.8300, 1.5628, 58.9081



78.4600, 3.2242, 132.9006

Inverse Universe

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



51.9470, 0.5191, 20.2175



61.4260, 0.7760, 31.1984



62.1870, 6.3168, -19.4580



35.4240, 0.2840, 2.2592



34.8300, 1.5628, 58.9081



78.4600, 3.2242, 132.9006

Previews

White Background



This preview shows how the YUV color 51.9470, 0.5191, 20.2175 looks on a white background.

Color Contrast Check

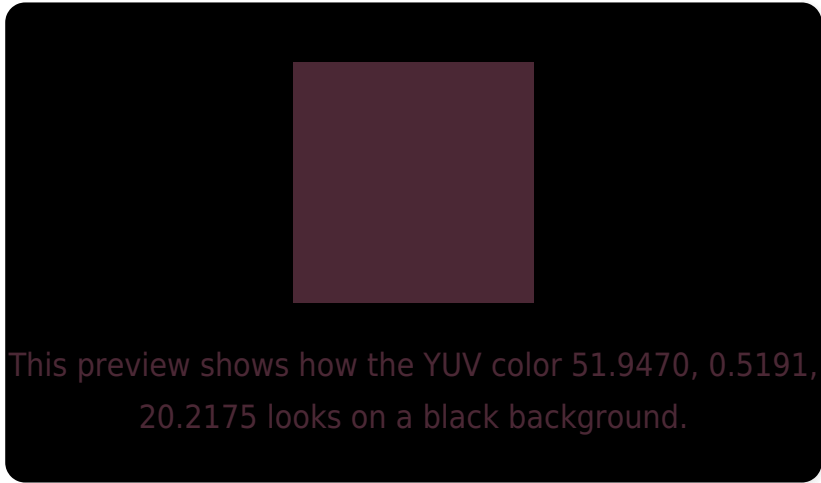
Large Text (above 18pt) WCAG AA ✓ Pass

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

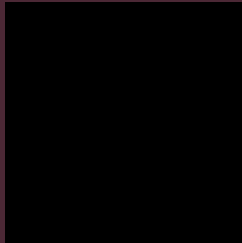
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9470, 0.5191, 20.2175

Background



This preview shows how black text looks on a background with the YUV color 51.9470, 0.5191, 20.2175.



This preview shows how white text looks on a background with the YUV color 51.9470, 0.5191,

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

51.9470, 0.5191, 20.2175

Protanopia

51.7270, 4.0786, -1.5146

Deuteranopia

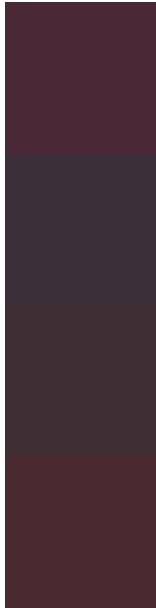
51.9080, -0.4476, 3.5887



Tritanopia

51.9100, -3.4066, 19.3729

Trichromacy



Original Color

51.9470, 0.5191, 20.2175

Protanomaly

51.7280, 2.5991, 6.3775

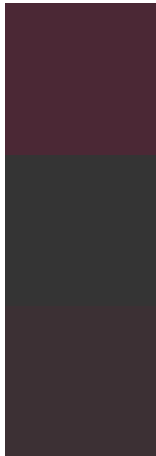
Deuteranomaly

51.7670, 0.1149, 9.8513

Tritanomaly

51.6650, -1.8068, 19.5878

Monochromacy



Original Color

51.9470, 0.5191, 20.2175

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9470, 0.5191, 20.2175 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, 40, 53)` looks like.

```
.text, #text, p{  
    color:rgb(75, 40, 53)  
}
```

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, 40, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 40, 53) }
```

Border

The CSS property to change the border of an element to YUV 51.9470, 0.5191, 20.2175 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, 40, 53) }
```


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

```
.border{ border-color:rgb(75, 40, 53) }
```

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

Here you see how a box with a 4 pixel rgb(75, 40, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 40, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 40, 53);  
box-shadow:4px 4px 4px 4px rgb(75, 40, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.9470, 0.5191, 20.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 40, 53) }
```

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

```
.background{ background-color: rgb(75, 40,  
53) }
```

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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