

Converting Colors

YUV(51.0570, -2.9861, 24.5060)

Have a look what the booklet for
YUV(51.0570, -2.9861, 24.5060)
contains.

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Color

**YUV(51.0570, -2.9861,
24.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	4F262D
RGB	79, 38, 45
RGB Percent	31%, 15%, 18%
CMY	0.6902, 0.8510, 0.8235
CMYK	0.00, 0.52, 0.43, 0.69
HSL	350°, 35%, 23%
HSV	350°, 52%, 31%
XYZ	4.3912, 3.2380, 2.8762
YIQ	51.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

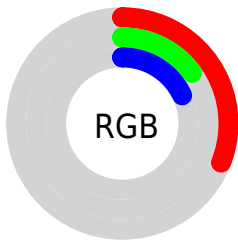
Format	Color
RYB	79, 38, 45
Decimal	5187117
CIELab	20.97, 20.05, 4.18
CIElCh	21, 20.479, 11.785
Yxy	3.2380, 0.4180, 0.3082
Android (android.graphics.Color)	4283377197 (0xFF4F262D)
YUV	51.0570, -2.9861, 24.5060
Hunter-Lab	17.9943, 12.0699, 3.1192

Details

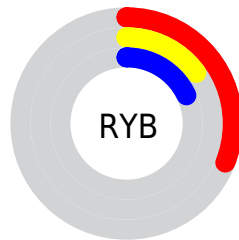
The YUV color **51.0570, -2.9861, 24.5060** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.9430, 2.9861, -24.5060**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5520, -3.7231, 27.5799**, and **10.7640, -5.3067, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **45.5630, -3.7286, 29.3242**, and if you desaturate by 10%, it is **56.5510, -2.2436, 19.6878**.

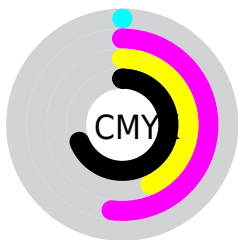
Distribution



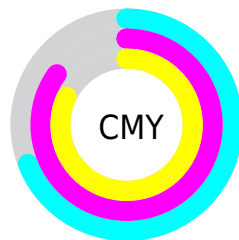
- Red (31%)
- Green (15%)
- Blue (18%)



- Red (31%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0570, -2.9861, 24.5060 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 51.0570, -2.9861, 24.5060 by changing the saturation by 10% instead.

■ 51.0570, -2.9861,
24.5060

■ 51.0570, -2.9861,
24.5060

■ 255.0000, 0.0000,
0.0000

■ 28.5730, -2.2545,
23.1765

■ 98.5520, -3.7231,
27.5799

■ 10.7640, -5.3067,
22.1320

■ 124.0360, -4.4547,
28.9094

■ 0.0000, 0.0000,
0.0000

■ 149.7480, -4.3128,
30.0390

■ 176.9330, -4.8970,
30.7538

■ 204.5310, -5.1918,
31.9833

■ 228.3450, -3.1281,

23.3764

247.9730, 0.9993,
6.1627

51.0570, -2.9861,
24.5060

51.0570, -2.9861,
24.5060

45.5630, -3.7286,
29.3242

56.5510, -2.2436,
19.6878

40.1830, -4.0342,
34.0425

61.9310, -1.9380,
14.9695

34.6890, -4.7767,
38.8607

67.4250, -1.1955,
10.1513

29.3090, -5.0823,
43.5790

72.8050, -0.8899,
5.4330

25.1030, -5.9668,
47.2677

78.2990, -0.1474,
0.6148

■ 83.0920, 0.4476,
-3.5887

■ 88.5860, 1.1901,
-8.4069

■ 93.9660, 1.4958,
-13.1252

■ 99.4600, 2.2382,
-17.9434

Harmonies

Analogous

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



51.8590, 4.0135, 19.4177



51.0570, -2.9861, 24.5060



50.3250, -9.5272, 22.5170

Triad

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



51.0570, -2.9861, 24.5060



46.4260, -9.5770, -8.2666



41.2910, 18.5905, -36.2122

Complementary

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



51.0570, -2.9861, 24.5060



65.9430, 2.9861, -24.5060

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.



41.4390, 14.0806, -36.3420



51.0570, -2.9861, 24.5060



43.0910, -1.5239, -24.6358

Square

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



51.0570, -2.9861, 24.5060



48.3630, -13.9830, 4.9436



40.4300, 7.6760, -35.4571



49.5330, 15.0202, -10.9914

Rectangle

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



51.0570, -2.9861, 24.5060



49.7930, -12.7159, 18.5985



40.4300, 7.6760, -35.4571



41.6500, 17.4276, -36.5270

Sweetspot

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



51.0570, -2.9861, 24.5060



91.0120, -1.4849, 9.6365



52.5410, 13.0443, 16.1885



44.2180, -0.6005, 5.9478



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.



51.0570, -2.9861, 24.5060



59.0910, -4.4819, 37.6312



57.8900, -9.8058, 18.5135



35.3100, -0.1528, 2.3591



32.4360, -7.6099, 61.0076



73.2160, -16.8685, 137.4996

Inverse Universe

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



51.0570, -2.9861, 24.5060



59.0910, -4.4819, 37.6312



59.1100, 9.8058, -18.5135



35.3100, -0.1528, 2.3591



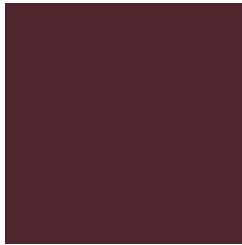
32.4360, -7.6099, 61.0076



73.2160, -16.8685, 137.4996

Previews

White Background



This preview shows how the YUV color 51.0570, -2.9861, 24.5060 looks on a white background.

Color Contrast Check

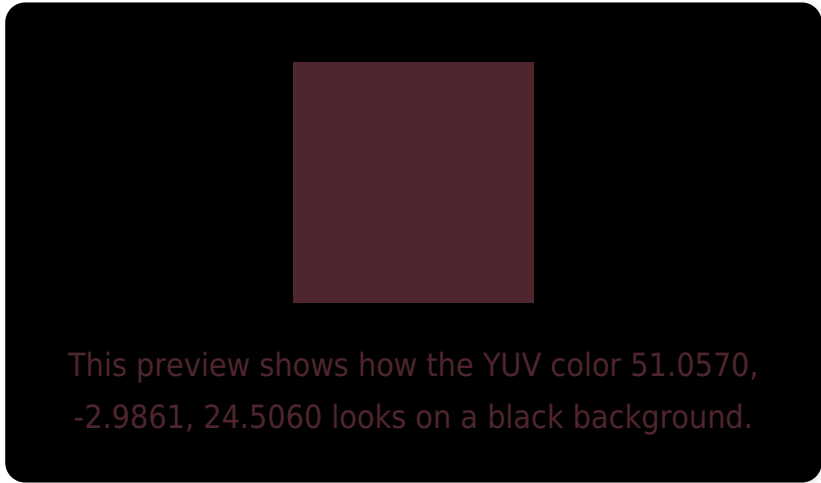
Large Text (above 18pt) WCAG AA ✓ Pass

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

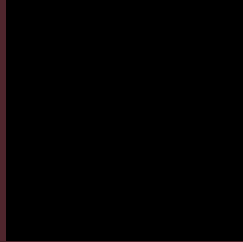
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0570, -2.9861, 24.5060

Background



This preview shows how black text looks on a background with the YUV color 51.0570, -2.9861, 24.5060.



This preview shows how white text looks on a background with the YUV color 51.0570, -2.9861,

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

51.0570, -2.9861, 24.5060

Protanopia

51.4130, 0.2894, 0.5148

Deuteranopia

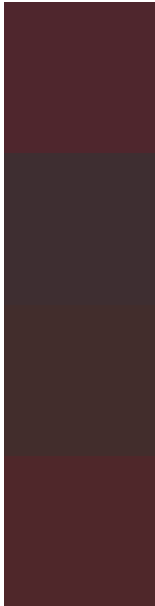
51.3060, -4.0949, 6.7476



Tritanopia

51.1880, -5.0227, 24.3911

Trichromacy



Original Color

51.0570, -2.9861, 24.5060

Protanomaly

51.1260, -1.0481, 9.5365

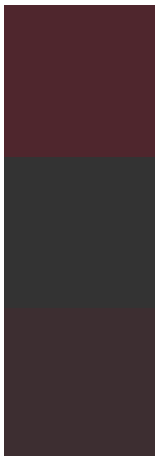
Deuteranomaly

51.1650, -3.5323, 13.0103

Tritanomaly

51.3020, -4.5859, 24.2911

Monochromacy



Original Color

51.0570, -2.9861, 24.5060

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8270, -0.9007, 8.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0570, -2.9861, 24.5060 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(79, 38, 45)` looks like.

```
.text, #text, p{  
    color:rgb(79, 38, 45)  
}
```

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(79, 38, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 38, 45) }
```

Border

The CSS property to change the border of an element to YUV 51.0570, -2.9861, 24.5060 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(79, 38, 45) }
```


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

```
.border{ border-color:rgb(79, 38, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 38, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 38, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 38, 45);  
box-shadow:4px 4px 4px 4px rgb(79, 38, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0570, -2.9861, 24.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 38, 45) }
```

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

```
.background{ background-color: rgb(79, 38,  
45) }
```

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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