

Converting Colors

YUV(50.9800, 0.5029, 25.4505)

Have a look what the booklet for
YUV(50.9800, 0.5029, 25.4505)
contains.

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Color

**YUV(50.9800, 0.5029,
25.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	502434
RGB	80, 36, 52
RGB Percent	31%, 14%, 20%
CMY	0.6863, 0.8588, 0.7961
CMYK	0.00, 0.55, 0.35, 0.69
HSL	338°, 38%, 23%
HSV	338°, 55%, 31%
XYZ	4.5590, 3.2152, 3.6291
YIQ	50.9800, 21.0880, 14.3040

Conversions

Conversions Part 2

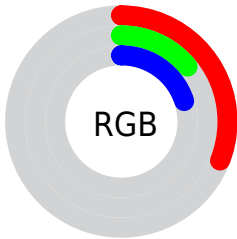
Format	Color
R_{YB}	80, 36, 52
Decimal	5252148
CIE Lab	20.89, 22.68, -0.77
CIE LCh	21, 22.691, 358.061
Yxy	3.2152, 0.3998, 0.2820
Android (android.graphics.Color)	4283442228 (0xFF502434)
YUV	50.9800, 0.5029, 25.4505
Hunter-Lab	17.9309, 14.0051, 0.5516

Details

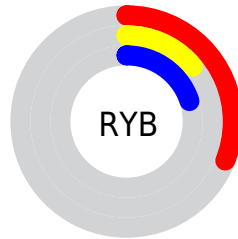
The YUV color **50.9800, 0.5029, 25.4505** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.0200, -0.5029, -25.4505**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4750, -0.2342, 28.5244**, and **11.7470, -2.8333, 22.1469** is the 20% darker color. If you saturate the color by 10%, you get **45.7140, 0.6340, 30.0688**, and if you desaturate by 10%, it is **56.2460, 0.3717, 20.8323**.

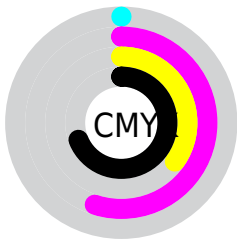
Distribution



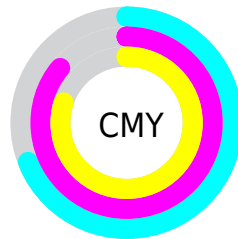
- Red (31%)
- Green (14%)
- Blue (20%)



- Red (31%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (69%)



- Cyan (69%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9800, 0.5029, 25.4505 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 50.9800, 0.5029, 25.4505 by changing the saturation by 10% instead.

■ 50.9800, 0.5029,
25.4505

■ 50.9800, 0.5029,
25.4505

■ 255.0000, 0.0000,
0.0000

■ 28.4960, 1.2345,
24.1210

■ 98.4750, -0.2342,
28.5244

■ 11.7470, -2.8333,
22.1469

■ 124.0730, -0.5290,
29.7540

■ 0.0000, 0.0000,
0.0000

■ 149.7850, -0.3870,
30.8836

■ 177.0840, -0.5344,
31.4983

■ 204.6820, -0.8292,
32.7279

■ 228.1970, 1.3819,

23.5062

247.3690, 3.7621,
6.6924

50.9800, 0.5029,
25.4505

50.9800, 0.5029,
25.4505

45.7140, 0.6340,
30.0688

56.2460, 0.3717,
20.8323

40.4480, 0.7651,
34.6871

61.5120, 0.2406,
16.2140

35.1820, 0.8963,
39.3054

66.7780, 0.1094,
11.5957

29.9160, 1.0274,
43.9237

72.0440, -0.0217,
6.9774

27.2260, 0.8746,
46.2828

77.3100, -0.1528,
2.3591

■ 82.6900, 0.1528,
-2.3591

■ 87.9560, 0.0217,
-6.9774

■ 93.2220, -0.1094,
-11.5957

■ 98.4880, -0.2406,
-16.2140

Harmonies

Analogous

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



52.1620, 7.8081, 15.6439



50.9800, 0.5029, 25.4505



49.9280, -7.3595, 27.2501

Triad

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



50.9800, 0.5029, 25.4505



47.0200, -13.8139, -2.6485



41.7640, 17.8643, -36.6270

Complementary

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



50.9800, 0.5029, 25.4505



65.0200, -0.5029, -25.4505

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.



41.4560, 11.6072, -36.3569



50.9800, 0.5029, 25.4505



43.9840, -5.9081, -18.4030

Square

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



50.9800, 0.5029, 25.4505



48.8260, -16.1832, 10.6766



40.2190, 4.3290, -35.2721



44.4710, 18.9948, -25.8461

Rectangle

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



50.9800, 0.5029, 25.4505



50.0540, -11.8586, 23.6316



40.2190, 4.3290, -35.2721



42.0090, 16.2646, -36.8419

Sweetspot

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



50.9800, 0.5029, 25.4505



93.0660, -0.0325, 10.4661



49.3880, 15.0917, 12.8147



46.7450, 0.1257, 6.3626



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



50.9800, 0.5029, 25.4505



59.4810, 0.7489, 39.9202



52.6780, -8.2223, 23.9614



38.3100, -0.1528, 2.3591



35.7270, 1.1206, 60.7524



78.9440, 2.4926, 134.2301

Inverse Universe

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



50.9800, 0.5029, 25.4505



59.4810, 0.7489, 39.9202



63.3220, 8.2223, -23.9614



38.3100, -0.1528, 2.3591



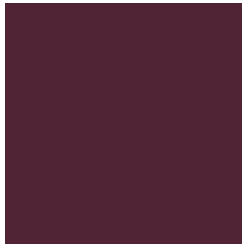
35.7270, 1.1206, 60.7524



78.9440, 2.4926, 134.2301

Previews

White Background



This preview shows how the YUV color 50.9800, 0.5029, 25.4505 looks on a white background.

Color Contrast Check

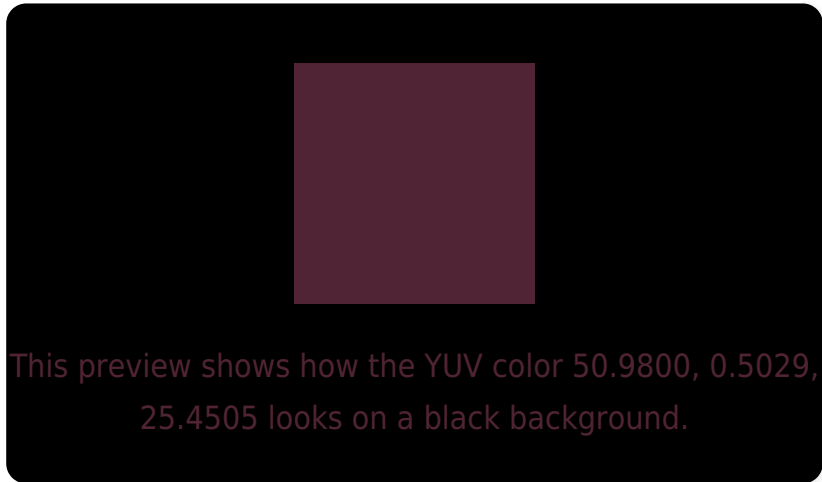
Large Text (above 18pt) WCAG AA ✓ Pass

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

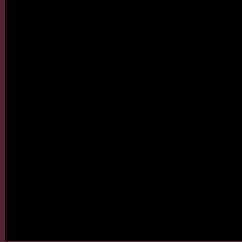
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9800, 0.5029, 25.4505

Background



This preview shows how black text looks on a background with the YUV color 50.9800, 0.5029, 25.4505.



This preview shows how white text looks on a background with the YUV color 50.9800, 0.5029,

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

50.9800, 0.5029, 25.4505

Protanopia

51.5420, 4.6628, -2.2293

Deuteranopia

51.2070, -0.5951, 4.2035



Tritanopia

50.6010, -4.7333, 24.9059

Trichromacy



Original Color

50.9800, 0.5029, 25.4505

Protanomaly

51.5540, 3.1779, 7.4071

Deuteranomaly

51.0770, -0.0380, 12.2105

Tritanomaly

50.4700, -2.6967, 25.0208

Monochromacy



Original Color

50.9800, 0.5029, 25.4505

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3540, -0.1745, 9.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9800, 0.5029, 25.4505 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(80, 36, 52)` looks like.

```
.text, #text, p{  
    color:rgb(80, 36, 52)  
}
```

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(80, 36, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 36, 52) }
```

Border

The CSS property to change the border of an element to YUV 50.9800, 0.5029, 25.4505 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(80, 36, 52) }
```


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

```
.border{ border-color:rgb(80, 36, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 36, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 36, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 36, 52);  
box-shadow:4px 4px 4px 4px rgb(80, 36, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.9800, 0.5029, 25.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 36, 52) }
```

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

```
.background{ background-color: rgb(80, 36,  
52) }
```

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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