

Converting Colors

YUV(51.8100, -25.5423,
-20.8814)

Have a look what the booklet for
YUV(51.8100, -25.5423, -20.8814)
contains.

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Color

**YUV(51.8100, -25.5423,
-20.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4A00
RGB	28, 74, 0
RGB Percent	11%, 29%, 0%
CMY	0.8902, 0.7098, 1.0000
CMYK	0.62, 0.00, 1.00, 0.71
HSL	97°, 100%, 15%
HSV	97°, 100%, 29%
XYZ	2.9277, 5.1444, 0.8387
YIQ	51.8100, -3.6620, -32.7660

Conversions

Conversions Part 2

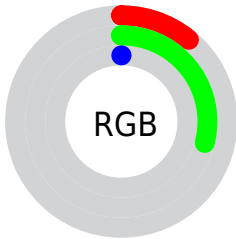
Format	Color
RYB	0, 74, 46
Decimal	1853952
CIELab	27.14, -29.22, 34.80
CIELCh	27, 45.444, 130.021
Yxy	5.1444, 0.3286, 0.5773
Android (android.graphics.Color)	4280044032 (0xFF1C4A00)
YUV	51.8100, -25.5423, -20.8814
Hunter-Lab	22.6813, -16.6519, 13.6846

Details

The YUV color **51.8100, -25.5423, -20.8814** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.1900, 25.5423, 20.8814**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5220, -25.4003, -19.7518**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **51.8100, -25.5423, -20.8814**, and if you desaturate by 10%, it is **54.1030, -23.2218, -18.5073**.

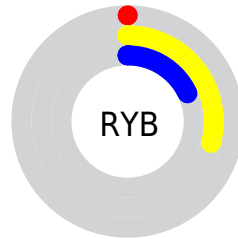
Distribution



Red (11%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (18%)

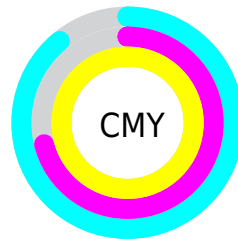


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (89%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 51.8100, -25.5423, -20.8814 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 51.8100, -25.5423, -20.8814 by changing the saturation by 10% instead.


 51.8100, -25.5423,
-20.8814


 51.8100, -25.5423,
-20.8814

 252.6060, -9.1728,
2.0995


 30.2360, -14.9063,
-25.6400


 101.5220,
-25.4003, -19.7518


 18.7840, -9.2605,
-16.4736

 126.9950,
-26.1265, -20.1666

 0.0000, 0.0000,
0.0000


 153.7670,
-27.0001, -19.9667


 181.1260,
-28.1631, -20.2815


 208.7130,
-28.4525, -20.7963


 233.6640,


-27.4424, -18.1223


 245.5270,
-19.4868, -3.0932


 51.8100, -25.5423,
-20.8814

 54.1030, -23.2218,
-18.5073

 56.2110, -20.3170,
-16.8480

 58.5040, -17.9965,
-14.4740

 60.6120, -15.0917,
-12.8147

 62.9050, -12.7712,
-10.4407

■ 65.1980, -10.4506,
-8.0666

■ 67.3060, -7.5459,
-6.4074

■ 69.5990, -5.2253,
-4.0333

■ 71.7070, -2.3206,
-2.3740

Harmonies

Analogous

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



59.3730, -29.2709, 8.4429



51.8100, -25.5423, -20.8814



50.2320, -5.5374, -44.0535

Triad

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



51.8100, -25.5423, -20.8814



58.2580, 35.3688, -51.0923



55.8580, -0.9160, 60.6375

Complementary

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



51.8100, -25.5423, -20.8814



22.1900, 25.5423, 20.8814

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.



60.9560, 13.8257, 45.6426



51.8100, -25.5423, -20.8814



53.3170, 39.2837, -46.7590

Square

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



51.8100, -25.5423, -20.8814



58.6850, 24.3123, -51.4667



65.8360, 25.7169, 11.5448



58.8080, -18.6393, 51.9114

Rectangle

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



51.8100, -25.5423, -20.8814



53.5550, 4.6564, -46.9677



65.8360, 25.7169, 11.5448



56.6280, 4.6204, 58.2082

Sweetspot

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



51.8100, -25.5423, -20.8814



88.3120, -10.0138, -8.1666



49.1280, -24.2201, 21.8127



43.0720, -5.9515, -4.4481



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.



51.8100, -25.5423, -20.8814



68.0020, -33.5250, -27.1888



44.4640, -17.4838, -38.9949



36.9460, -1.4524, -0.8296



71.5350, -35.2668, -28.5332



161.0230, -79.3843, -64.9182

Inverse Universe

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



22.1900, 25.5423, 20.8814



28.9980, 33.5250, 27.1888



29.5360, 17.4838, 38.9949



35.3530, 1.3050, 1.4444



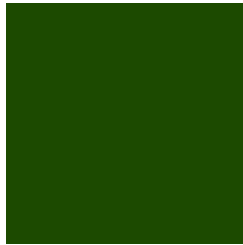
30.4650, 35.2668, 28.5332



68.9770, 79.3843, 64.9182

Previews

White Background



This preview shows how the YUV color 51.8100, -25.5423, -20.8814 looks on a white background.

Color Contrast Check

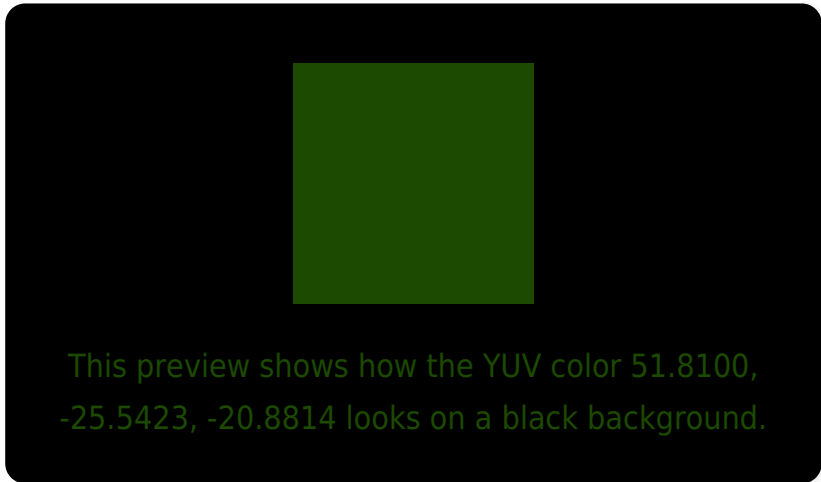
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8100, -25.5423, -20.8814

Background



This preview shows how black text looks on a background with the YUV color 51.8100, -25.5423, -20.8814.



This preview shows how white text looks on a background with the YUV color 51.8100, -25.5423, -20.8814.

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

51.8100, -25.5423, -20.8814

Protanopia

59.0960, -29.1343, 11.3168

Deuteranopia

61.8500, -22.6040, 16.7946



Tritanopia

61.1980, 6.3114, -17.7136

Trichromacy



Original Color

51.8100, -25.5423, -20.8814

Protanomaly

56.6600, -27.9334, -0.5788

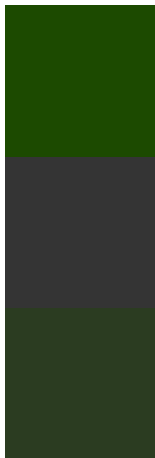
Deuteranomaly

58.4200, -23.8711, 3.1397

Tritanomaly

57.7990, -5.3239, -19.1177

Monochromacy



Original Color

51.8100, -25.5423, -20.8814

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8390, -9.2876, -7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8100, -25.5423, -20.8814 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(28, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 74, 0)  
}
```

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(28, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.8100, -25.5423, -20.8814 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(28, 74, 0) }
```


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

```
.border{ border-color:rgb(28, 74, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 74, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 74, 0); box-shadow:4px  
4px 4px 4px rgb(28, 74, 0) }
```

Background

The CSS property to change the background color of an element to YUV 51.8100, -25.5423, -20.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 0) }
```

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

```
.background{ background-color: rgb(28, 74,  
0) }
```

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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