

Converting Colors

YUV(52.1430, -20.2835,
19.1686)

Have a look what the booklet for
YUV(52.1430, -20.2835, 19.1686)
contains.

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Color

**YUV(52.1430, -20.2835,
19.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	4A310B
RGB	74, 49, 11
RGB Percent	29%, 19%, 4%
CMY	0.7098, 0.8078, 0.9569
CMYK	0.00, 0.34, 0.85, 0.71
HSL	36°, 74%, 17%
HSV	36°, 85%, 29%
XYZ	3.9828, 3.6766, 0.8164
YIQ	52.1430, 27.0980, -6.5180

Conversions

Conversions Part 2

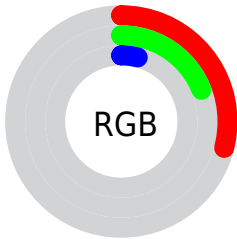
Format	Color
RYB	52, 74, 11
Decimal	4862219
CIELab	22.57, 7.41, 27.24
CIElCh	23, 28.230, 74.787
Yxy	3.6766, 0.4699, 0.4338
Android (android.graphics.Color)	4283052299 (0xFF4A310B)
YUV	52.1430, -20.2835, 19.1686
Hunter-Lab	19.1745, 3.5209, 10.8979

Details

The YUV color **52.1430, -20.2835, 19.1686** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.8570, 20.2835, -19.1686**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.7090, -22.0415, 23.0572**, and **9.5350, -4.7008, 14.4398** is the 20% darker color. If you saturate the color by 10%, you get **49.5840, -22.4729, 21.4128**, and if you desaturate by 10%, it is **54.7020, -18.0941, 16.9243**.

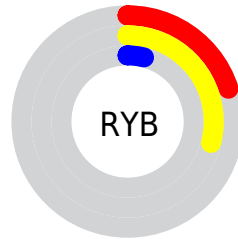
Distribution



Red (29%)

Green (19%)

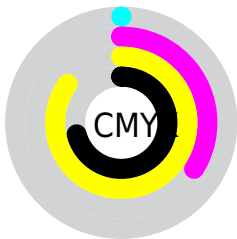
Blue (4%)



Red (20%)

Yellow (29%)

Blue (4%)

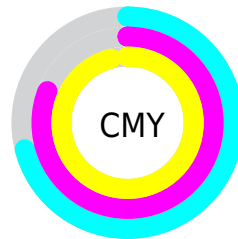


Cyan (0%)

Magenta (34%)

Yellow (85%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.1430, -20.2835, 19.1686 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 52.1430, -20.2835, 19.1686 by changing the saturation by 10% instead.

■ 52.1430, -20.2835,
19.1686

■ 52.1430, -20.2835,
19.1686

■ 253.0620, -7.4256,
1.6996

■ 31.3860, -15.4733,
16.3245

■ 99.7090, -22.0415,
23.0572

■ 9.5350, -4.7008,
14.4398

■ 125.1930,
-22.7731, 24.3867

■ 0.0000, 0.0000,
0.0000

■ 150.6770,
-23.5048, 25.7163

■ 177.8620,
-24.0890, 26.4310

■ 205.3460,
-24.8206, 27.7606

■ 230.2420,

-23.7833, 21.7128

■ 249.8700,
-19.6559, 4.4990

■ 52.1430, -20.2835,
19.1686

■ 52.1430, -20.2835,
19.1686

■ 49.5840, -22.4729,
21.4128

■ 54.7020, -18.0941,
16.9243

■ 48.5410, -23.9307,
22.3275

■ 57.3750, -15.4679,
14.5801

■ 59.9340, -13.2785,
12.3359

■ 62.6070, -10.6523,
9.9917

■ 65.1660, -8.4628,
7.7474

■ 67.7250, -6.2734,
5.5032

■ 70.3980, -3.6472,
3.1590

■ 72.3700, -1.1684,
1.4295

■ 75.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



52.9300, -13.7695, 29.8794



52.1430, -20.2835, 19.1686



50.3430, -20.3821, 4.0842

Triad

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



52.1430, -20.2835, 19.1686



44.8640, 9.4340, -39.3457



55.7360, 13.9342, 10.7555

Complementary

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



52.1430, -20.2835, 19.1686



32.8570, 20.2835, -19.1686

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.



52.1070, 21.1462, -15.8798



52.1430, -20.2835, 19.1686



46.4430, 18.0226, -40.7305

Square

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



52.1430, -20.2835, 19.1686



41.7690, 0.1139, -36.6314



45.3490, 23.9849, -39.7711



54.5550, 5.1494, 28.4543

Rectangle

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



52.1430, -20.2835, 19.1686



49.1180, -15.8342, -7.9965



45.3490, 23.9849, -39.7711



55.3760, 16.5766, 3.1782

Sweetspot

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



52.1430, -20.2835, 19.1686



88.2800, -8.0260, 7.6474



32.6870, 1.6333, 36.2315



42.7680, -4.8156, 4.5885



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.



52.1430, -20.2835, 19.1686



63.0490, -31.0832, 29.7750



65.0240, -26.6338, 2.6100



36.9570, -1.4578, 0.9147



66.8920, -32.9778, 30.7897



149.7760, -73.8396, 70.3564

Inverse Universe

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



32.8570, 20.2835, -19.1686



33.3640, 31.3725, -29.2602



19.9760, 26.6338, -2.6100



35.6300, 1.1684, -1.4295



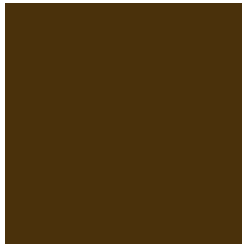
35.1080, 32.9778, -30.7897



79.6370, 74.1290, -69.8416

Previews

White Background



This preview shows how the YUV color 52.1430, -20.2835, 19.1686 looks on a white background.

Color Contrast Check

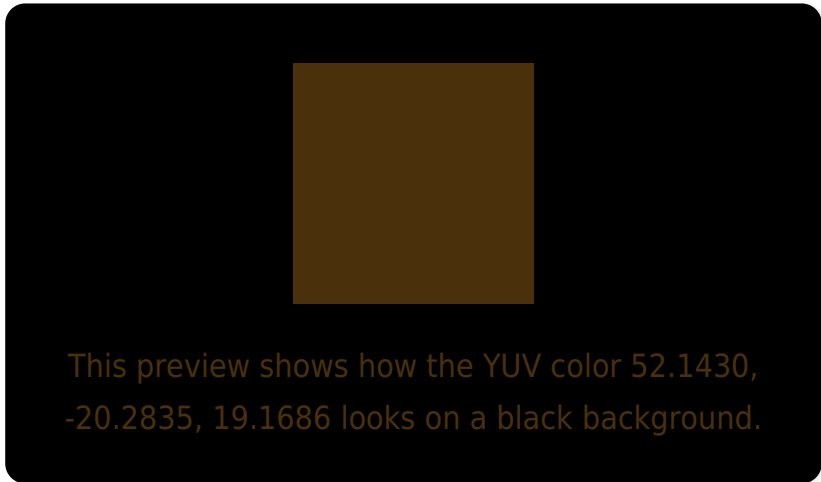
Large Text (above 18pt) WCAG AA ✓ Pass

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

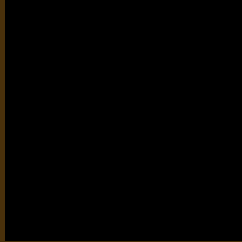
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.1430, -20.2835, 19.1686

Background



This preview shows how black text looks on a background with the YUV color 52.1430, -20.2835, 19.1686.



This preview shows how white text looks on a background with the YUV color 52.1430, -20.2835,

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

52.1430, -20.2835, 19.1686

Protanopia

51.8920, -19.6668, 7.9877

Deuteranopia

52.1810, -21.2882, 14.7503



Tritanopia

55.3120, -3.1118, 18.1434

Trichromacy



Original Color

52.1430, -20.2835, 19.1686

Protanomaly

52.2130, -19.8250, 12.0912

Deuteranomaly

52.3060, -20.8569, 16.3946

Tritanomaly

54.0040, -9.3690, 18.4135

Monochromacy



Original Color

52.1430, -20.2835, 19.1686

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.1430, -20.2835, 19.1686 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(74, 49, 11)` looks like.

```
.text, #text, p{  
    color:rgb(74, 49, 11)  
}
```

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(74, 49, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 49, 11) }
```

Border

The CSS property to change the border of an element to YUV 52.1430, -20.2835, 19.1686 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(74, 49, 11) }
```


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

```
.border{ border-color:rgb(74, 49, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 49, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 49, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 49, 11);  
box-shadow:4px 4px 4px 4px rgb(74, 49, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.1430, -20.2835, 19.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 49, 11) }
```

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

```
.background{ background-color: rgb(74, 49,  
11) }
```

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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