

Converting Colors

YUV(51.0010, -25.1435, -8.7709)

Have a look what the booklet for
YUV(51.0010, -25.1435, -8.7709)
contains.

YUV(51.0010, -25.1435, -8.7709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(51.0010, -25.1435,
-8.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	294200
RGB	41, 66, 0
RGB Percent	16%, 26%, 0%
CMY	0.8392, 0.7412, 1.0000
CMYK	0.38, 0.00, 1.00, 0.74
HSL	83°, 100%, 13%
HSV	83°, 100%, 26%
XYZ	2.8627, 4.3678, 0.6922
YIQ	51.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

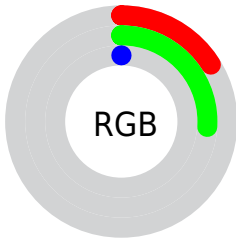
Format	Color
RYB	0, 66, 25
Decimal	2703872
CIELab	24.85, -20.52, 32.95
CIELCh	25, 38.815, 121.916
Yxy	4.3678, 0.3613, 0.5513
Android (android.graphics.Color)	4280893952 (0xFF294200)
YUV	51.0010, -25.1435, -8.7709
Hunter-Lab	20.8994, -12.1241, 12.6659

Details

The YUV color **51.0010, -25.1435, -8.7709** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.9990, 25.1435, 8.7709**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1150, -24.7067, -8.8709**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **51.0010, -25.1435, -8.7709**, and if you desaturate by 10%, it is **52.3970, -22.3807, -8.2412**.

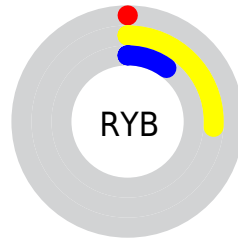
Distribution



Red (16%)

Green (26%)

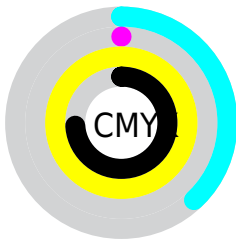
Blue (0%)



Red (0%)

Yellow (26%)

Blue (10%)

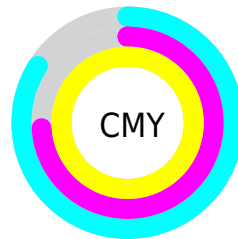


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (84%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0010, -25.1435, -8.7709 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 51.0010, -25.1435, -8.7709 by changing the saturation by 10% instead.

■ 51.0010, -25.1435,
-8.7709

■ 51.0010, -25.1435,
-8.7709

■ 252.3780,
-10.0464, 2.2995

■ 31.2100, -15.3865,
-11.5852

■ 99.1150, -24.7067,
-8.8709

■ 14.6750, -7.2348,
-12.8700

■ 124.7730,
-26.0171, -8.5709

■ 0.0000, 0.0000,
0.0000

■ 150.6590,
-26.4539, -8.4709


■ 177.4310,
-27.3275, -8.2710


■ 205.3170,
-27.7643, -8.1710


■ 233.7900,


-28.4905, -8.5858


 248.4740,
-22.4187, 3.9693


 51.0010, -25.1435,
-8.7709

 52.3970, -22.3807,
-8.2412

 53.9780, -20.2022,
-6.9967

 55.6730, -17.5868,
-5.8522

 56.9550, -15.2608,
-5.2225

 58.6500, -12.6454,
-4.0780

■ 60.0460, -9.8827,
-3.5483

■ 61.6270, -7.7041,
-2.3039

■ 63.0230, -4.9413,
-1.7742

■ 64.6040, -2.7628,
-0.5297

Harmonies

Analogous

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



55.2750, -27.2506, 13.7908



51.0010, -25.1435, -8.7709



44.5100, -7.1534, -39.0353

Triad

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



51.0010, -25.1435, -8.7709



53.1570, 28.5166, -46.6187



55.3510, 1.3060, 47.9272

Complementary

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



51.0010, -25.1435, -8.7709



14.9990, 25.1435, 8.7709

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.



59.4550, 13.5797, 31.1730



51.0010, -25.1435, -8.7709



49.8460, 33.5999, -43.7149

Square

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



51.0010, -25.1435, -8.7709



52.4100, 18.0389, -45.9636



59.7160, 24.2970, 0.2491



55.0830, -12.3659, 46.4082

Rectangle

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



51.0010, -25.1435, -8.7709



47.9640, 1.0037, -42.0644



59.7160, 24.2970, 0.2491



56.1810, 5.8268, 44.5683

Sweetspot

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



51.0010, -25.1435, -8.7709



81.0460, -9.8827, -3.5483



33.8220, -16.6742, 28.2201



39.4960, -5.6675, -2.1890



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



51.0010, -25.1435, -8.7709



67.2150, -33.1370, -11.5896



41.4330, -20.4265, -28.4437



32.3590, -1.1630, -0.3148



74.8790, -36.9153, -13.0489



173.0490, -85.3132, -29.8610

Inverse Universe

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



14.9990, 25.1435, 8.7709



19.7850, 33.1370, 11.5896



24.5670, 20.4265, 28.4437



30.6410, 1.1630, 0.3148



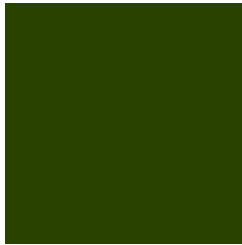
22.1210, 36.9153, 13.0489



50.9510, 85.3132, 29.8610

Previews

White Background



This preview shows how the YUV color 51.0010, -25.1435, -8.7709 looks on a white background.

Color Contrast Check

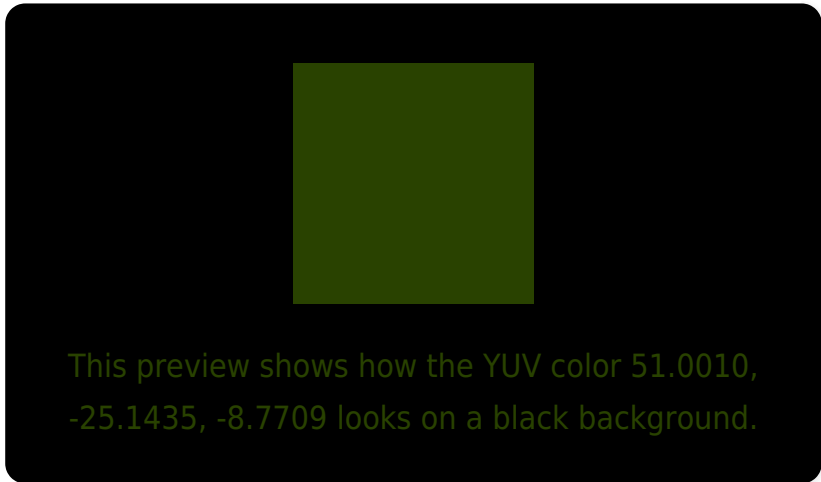
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0010, -25.1435, -8.7709

Background



This preview shows how black text looks on a background with the YUV color 51.0010, -25.1435, -8.7709.



This preview shows how white text looks on a background with the YUV color 51.0010, -25.1435, -8.7709.

-8.7709.

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



Protanopia

54.6660, -26.9503, 10.8169

Deuteranopia

56.4800, -21.4356, 15.3650

Tritanopia

57.6830, 4.1003, -8.4920

Trichromacy



Protanomaly

53.7360, -26.4918, 3.7395

Deuteranomaly

54.6700, -23.0083, 6.4284

Tritanomaly

55.2240, -6.5194, -8.9664

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.5730, -9.1565, -3.1335

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0010, -25.1435, -8.7709 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(41, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 66, 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(41, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 66, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.0010, -25.1435, -8.7709 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(41, 66, 0) }
```

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

```
.border{ border-color:rgb(41, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 66, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 66, 0); box-shadow:4px  
4px 4px 4px rgb(41, 66, 0) }
```


Background

The CSS property to change the background color of an element to YUV 51.0010, -25.1435, -8.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 66, 0) }
```

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

```
.background{ background-color: rgb(41, 66,  
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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