

Converting Colors

YUV(50.4300, -2.1840, 0.4999)

Have a look what the booklet for
YUV(50.4300, -2.1840, 0.4999)
contains.

YUV(50.4300, -2.1840, 0.4999)	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>	31

Color

**YUV(50.4300, -2.1840,
0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	33332E
RGB	51, 51, 46
RGB Percent	20%, 20%, 18%
CMY	0.8000, 0.8000, 0.8196
CMYK	0.00, 0.00, 0.10, 0.80
HSL	60°, 5%, 19%
HSV	60°, 10%, 20%
XYZ	3.0422, 3.2687, 3.0554
YIQ	50.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

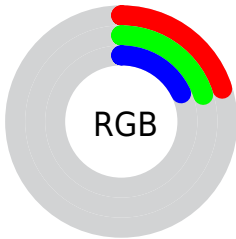
Format	Color
R_YB	46, 51, 46
Decimal	3355438
CIE Lab	21.09, -1.12, 3.17
CIE LCh	21, 3.362, 109.385
Yxy	3.2687, 0.3248, 0.3490
Android (android.graphics.Color)	4281545518 (0xFF33332E)
YUV	50.4300, -2.1840, 0.4999
Hunter-Lab	18.0796, -1.6035, 2.6360

Details

The YUV color **50.4300, -2.1840, 0.4999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.5700, 2.1840, -0.4999**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4300, -2.1840, 0.4999**, and **3.8320, -1.8892, -0.7297** is the 20% darker color. If you saturate the color by 10%, you get **49.8600, -4.3680, 0.9998**, and if you desaturate by 10%, it is **51.0000, 0.0000, 0.0000**.

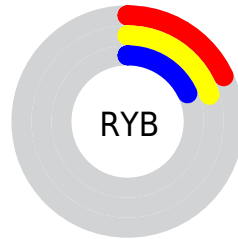
Distribution



Red (20%)

Green (20%)

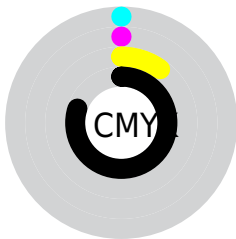
Blue (18%)



Red (18%)

Yellow (20%)

Blue (18%)

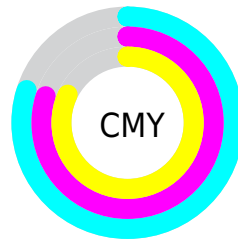


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4300, -2.1840, 0.4999 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 50.4300, -2.1840, 0.4999 by changing the saturation by 10% instead.

■ 50.4300, -2.1840,
0.4999

■ 50.4300, -2.1840,
0.4999

■ 255.0000, 0.0000,
0.0000

■ 29.4300, -2.1840,
0.4999

■ 96.4300, -2.1840,
0.4999

■ 3.8320, -1.8892,
-0.7297

■ 121.3160, -2.6208,
0.5999

■ 0.0000, 0.0000,
0.0000

■ 147.3160, -2.6208,
0.5999

■ 173.3160, -2.6208,
0.5999

■ 201.2020, -3.0576,
0.6998

■ 229.2020, -3.0576,

0.6998

254.6580, -1.3104,
0.2999

■ 50.4300, -2.1840,
0.4999

■ 50.4300, -2.1840,
0.4999

■ 49.8600, -4.3680,
0.9998

■ 51.0000, 0.0000,
0.0000

■ 49.2900, -6.5520,
1.4997

■ 51.5700, 2.1840,
-0.4999

■ 48.7200, -8.7360,
1.9996

■ 52.1400, 4.3680,
-0.9998

■ 48.1500, -10.9199,
2.4995

■ 52.7100, 6.5520,
-1.4997

■ 47.4660, -13.5407,
3.0993

■ 53.3940, 9.1728,
-2.0995

■ 46.8960, -15.7247,
3.5992

■ 53.9640, 11.3567,
-2.5994

■ 46.3260, -17.9087,
4.0991

■ 54.5340, 13.5407,
-3.0993

■ 45.7560, -20.0927,
4.5990

■ 55.1040, 15.7247,
-3.5992

■ 45.1860, -22.2767,
5.0989

■ 55.6740, 17.9087,
-4.0991

Harmonies

Analogous

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



50.7400, -2.3368, 2.8590



50.4300, -2.1840, 0.4999



50.2340, -1.5944, -1.9592

Triad

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



50.4300, -2.1840, 0.4999



50.1350, 1.9054, -4.5034



51.1360, 0.4260, 3.3887

Complementary

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



50.4300, -2.1840, 0.4999



46.5700, 2.1840, -0.4999

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.



51.3530, 1.3050, 1.4444



50.4300, -2.1840, 0.4999



50.2600, 2.3368, -2.8590

Square

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



50.4300, -2.1840, 0.4999



49.9070, 1.0318, -4.3034



50.5700, 2.1840, -0.4999



51.0930, -1.0318, 4.3034

Rectangle

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



50.4300, -2.1840, 0.4999



49.8640, -0.4260, -3.3887



50.5700, 2.1840, -0.4999



51.1360, 0.4260, 3.3887

Sweetspot

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



50.4300, -2.1840, 0.4999



65.7720, -0.8736, 0.2000



47.4950, -0.7370, 3.0739



32.8860, -0.4368, 0.1000



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



50.4300, -2.1840, 0.4999



65.0880, -3.4944, 0.7998



49.8320, -1.8892, -0.7297



25.6580, -1.3104, 0.2999



78.8540, -38.8750, 8.8980



192.2620, -94.7852, 21.6952

Inverse Universe

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



46.5700, 2.1840, -0.4999



58.9120, 3.4944, -0.7998



47.4670, 1.7418, 1.3444



23.3420, 1.3104, -0.2999



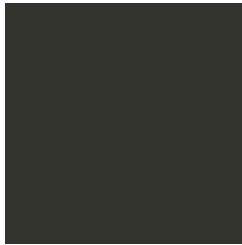
10.1460, 38.8750, -8.8980



24.7380, 94.7852, -21.6952

Previews

White Background



This preview shows how the YUV color 50.4300, -2.1840, 0.4999 looks on a white background.

Color Contrast Check

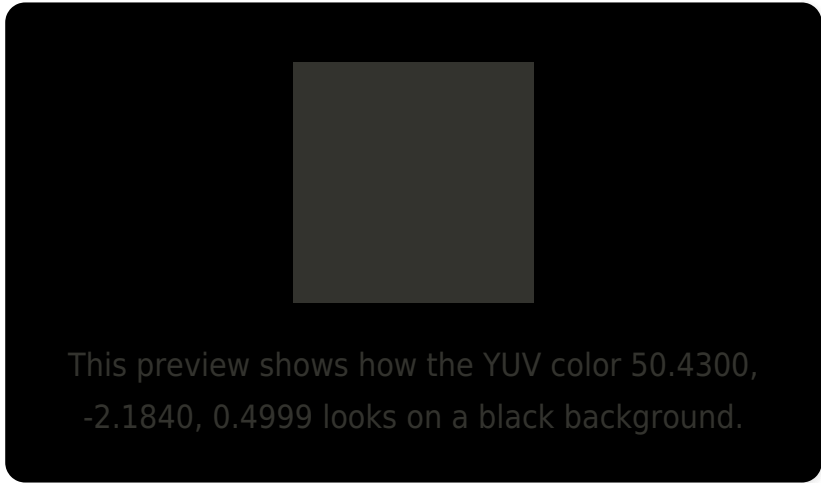
Large Text (above 18pt) WCAG AA ✓ Pass

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

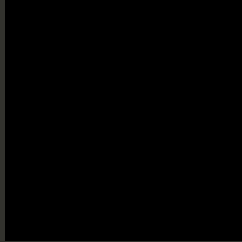
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4300, -2.1840, 0.4999

Background



This preview shows how black text looks on a background with the YUV color 50.4300, -2.1840, 0.4999.



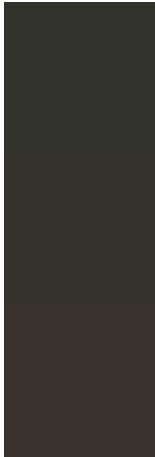
This preview shows how white text looks on a background with the YUV color 50.4300, -2.1840,

0.4999.

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

50.4300, -2.1840, 0.4999

Protanopia

50.4410, -2.1894, 2.2442

Deuteranopia

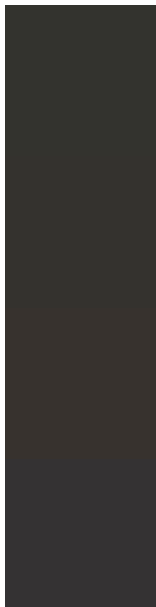
51.0500, -2.4896, 5.2182



Tritanopia

51.0540, 1.4524, 0.8296

Trichromacy



Original Color

50.4300, -2.1840, 0.4999

Protanomaly

50.1420, -2.0420, 1.6295

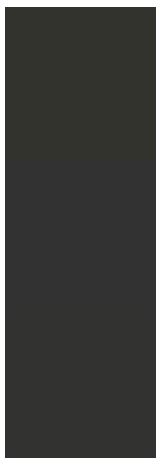
Deuteranomaly

51.0390, -2.4842, 3.4738

Tritanomaly

50.7120, 0.1420, 1.1296

Monochromacy



Original Color

50.4300, -2.1840, 0.4999

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4300, -2.1840, 0.4999 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(51, 51, 46)` looks like.

```
.text, #text, p{  
    color:rgb(51, 51, 46)  
}
```

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(51, 51, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 51, 46) }
```

Border

The CSS property to change the border of an element to YUV 50.4300, -2.1840, 0.4999 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(51, 51, 46) }
```


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

```
.border{ border-color:rgb(51, 51, 46) }
```

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

Here you see how a box with a 4 pixel rgb(51, 51, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 51, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 51, 46);  
box-shadow:4px 4px 4px 4px rgb(51, 51, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4300, -2.1840, 0.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 51, 46) }
```

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

```
.background{ background-color: rgb(51, 51,  
46) }
```

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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