

Converting Colors

YUV(46.5590, 2.1894, -2.2442)

Have a look what the booklet for
YUV(46.5590, 2.1894, -2.2442)
contains.

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Color

**YUV(46.5590, 2.1894,
-2.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2F33
RGB	44, 47, 51
RGB Percent	17%, 18%, 20%
CMY	0.8275, 0.8157, 0.8000
CMYK	0.14, 0.08, 0.00, 0.80
HSL	214°, 7%, 19%
HSV	214°, 14%, 20%
XYZ	2.6528, 2.8075, 3.5341
YIQ	46.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

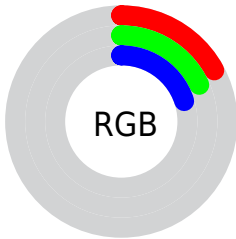
Format	Color
R_{YB}	44, 46, 51
Decimal	2895667
CIE Lab	19.26, -0.30, -3.01
CIE LCh	19, 3.026, 264.336
Yxy	2.8075, 0.2949, 0.3121
Android (android.graphics.Color)	4281085747 (0xFF2C2F33)
YUV	46.5590, 2.1894, -2.2442
Hunter-Lab	16.7557, -1.0622, -0.7763

Details

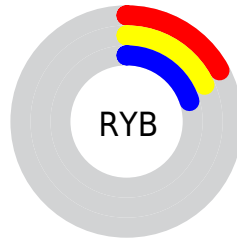
The YUV color **46.5590, 2.1894, -2.2442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4410, -2.1894, 2.2442**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5590, 2.1894, -2.2442**, and **0.4560, 1.7472, -0.3999** is the 20% darker color. If you saturate the color by 10%, you get **43.3030, 3.7946, -3.7737**, and if you desaturate by 10%, it is **49.8150, 0.5842, -0.7148**.

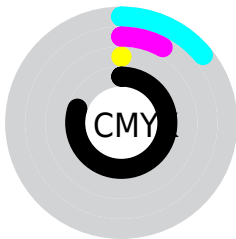
Distribution



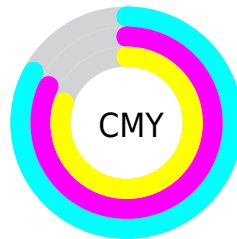
- Red (17%)
- Green (18%)
- Blue (20%)



- Red (17%)
- Yellow (18%)
- Blue (20%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5590, 2.1894, -2.2442 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 46.5590, 2.1894, -2.2442 by changing the saturation by 10% instead.

■ 46.5590, 2.1894,
-2.2442

■ 46.5590, 2.1894,
-2.2442

■ 255.0000, 0.0000,
0.0000

■ 25.5590, 2.1894,
-2.2442

■ 92.5590, 2.1894,
-2.2442

■ 0.4560, 1.7472,
-0.3999

■ 116.6730, 2.6262,
-2.3442

■ 0.0000, 0.0000,
0.0000

■ 142.3740, 2.7736,
-2.9590

■ 168.6730, 2.6262,
-2.3442

■ 196.3740, 2.7736,
-2.9590

■ 224.3740, 2.7736,

-2.9590

252.0320, 1.4632,
-2.6591

46.5590, 2.1894,
-2.2442

46.5590, 2.1894,
-2.2442

43.3030, 3.7946,
-3.7737

49.8150, 0.5842,
-0.7148

40.0470, 5.3998,
-5.3032

53.0710, -1.0210,
0.8147

36.7910, 7.0050,
-6.8327

56.3270, -2.6262,
2.3442

33.5350, 8.6102,
-8.3622

59.5830, -4.2314,
3.8737

29.9800, 10.3629,
-10.5065

63.1380, -5.9840,
6.0180

■ 27.3110, 11.6787,
-12.5507

■ 65.8070, -7.2999,
8.0623

■ 24.0550, 13.2839,
-14.0802

■ 69.0630, -8.9051,
9.5917

■ 20.7990, 14.8891,
-15.6097

■ 72.3190, -10.5103,
11.1212

■ 18.7280, 15.9101,
-16.4245

■ 75.5750, -12.1155,
12.6507

Harmonies

Analogous

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



46.4340, 1.7580, -3.8886



46.5590, 2.1894, -2.2442



46.8690, 2.0366, 0.1149

Triad

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



46.5590, 2.1894, -2.2442



47.0930, -1.0318, 4.3034



46.3480, -1.1576, -2.0592

Complementary

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



46.5590, 2.1894, -2.2442



48.4410, -2.1894, 2.2442

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.



46.5440, -1.7472, 0.3999



46.5590, 2.1894, -2.2442



47.1530, -2.0474, 3.3738

Square

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



46.5590, 2.1894, -2.2442



47.0220, -0.0108, 3.4887



46.4410, -2.1894, 2.2442



45.9780, 0.0108, -3.4887

Rectangle

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



46.5590, 2.1894, -2.2442



47.0540, 1.4524, 0.8296



46.4410, -2.1894, 2.2442



46.6470, -1.3050, -1.4444

Sweetspot

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



46.5590, 2.1894, -2.2442



64.8150, 0.5842, -0.7148



48.5650, -0.2785, -4.0035



31.8150, 0.5842, -0.7148



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.



46.5590, 2.1894, -2.2442



59.4880, 3.2104, -3.0590



44.7980, 3.0576, -0.6998



23.9290, 1.0210, -0.8147



32.4520, 27.8782, -28.4604



79.3290, 67.8718, -69.5715

Inverse Universe

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



46.4350, 0.2785, 4.0035



59.4460, 0.2731, 5.7479



50.2020, -3.0576, 0.6998



24.0110, -0.0054, 1.7444



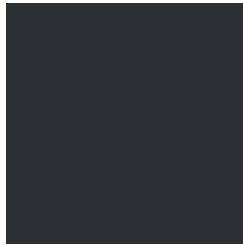
30.9430, 3.4791, 50.9160



75.4850, 8.6349, 124.1087

Previews

White Background



This preview shows how the YUV color 46.5590, 2.1894, -2.2442 looks on a white background.

Color Contrast Check

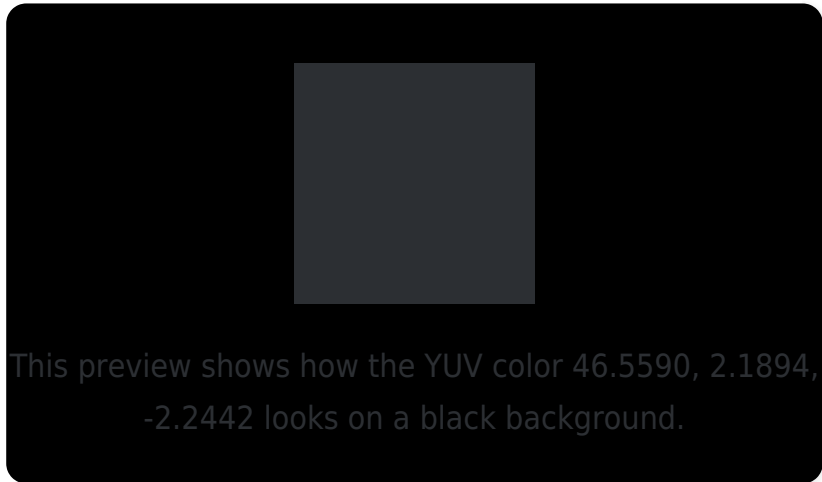
Large Text (above 18pt) WCAG AA ✓ Pass

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

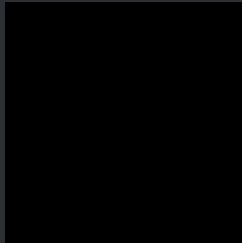
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

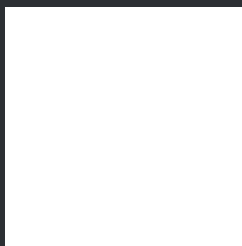
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.5590, 2.1894, -2.2442

Background



This preview shows how black text looks on a background with the YUV color 46.5590, 2.1894, -2.2442.



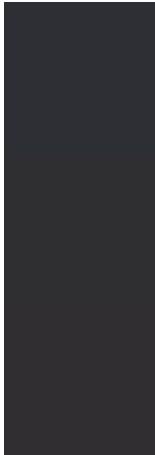
This preview shows how white text looks on a background with the YUV color 46.5590, 2.1894, -2.2442.

-2.2442.

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

46.5590, 2.1894, -2.2442

Protanopia

46.5700, 2.1840, -0.4999

Deuteranopia

46.8800, 2.0312, 1.8592



Tritanopia

46.5590, 2.1894, -2.2442

Trichromacy



Original Color

46.5590, 2.1894, -2.2442

Protanomaly

46.2710, 2.3314, -1.1147

Deuteranomaly

46.8690, 2.0366, 0.1149

Tritanomaly

46.5590, 2.1894, -2.2442

Monochromacy



Original Color

46.5590, 2.1894, -2.2442

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8150, 0.5842, -0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5590, 2.1894, -2.2442 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(44, 47, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 47, 51)  
}
```

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(44, 47, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 47, 51) }
```

Border

The CSS property to change the border of an element to YUV 46.5590, 2.1894, -2.2442 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(44, 47, 51) }
```


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

```
.border{ border-color:rgb(44, 47, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 47, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 47, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 47, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 47, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5590, 2.1894, -2.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 47, 51) }
```

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

```
.background{ background-color: rgb(44, 47,  
51) }
```

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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