

Converting Colors

YUV(44.5700, 2.1840, -0.4999)

Have a look what the booklet for
YUV(44.5700, 2.1840, -0.4999)
contains.

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Color

**YUV(44.5700, 2.1840,
-0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2C31
RGB	44, 44, 49
RGB Percent	17%, 17%, 19%
CMY	0.8275, 0.8275, 0.8078
CMYK	0.10, 0.10, 0.00, 0.81
HSL	240°, 5%, 18%
HSV	240°, 10%, 19%
XYZ	2.4938, 2.5586, 3.2682
YIQ	44.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

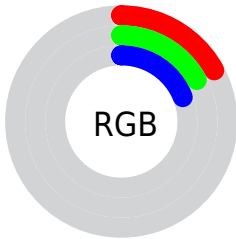
Format	Color
R _Y B	44, 44, 49
Decimal	2894897
CIE Lab	18.18, 1.24, -3.22
CIE LCh	18, 3.452, 291.048
Yxy	2.5586, 0.2997, 0.3075
Android (android.graphics.Color)	4281084977 (0xFF2C2C31)
YUV	44.5700, 2.1840, -0.4999
Hunter-Lab	15.9956, -0.1635, -0.9170

Details

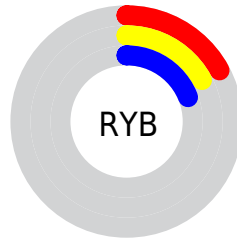
The YUV color **44.5700, 2.1840, -0.4999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4300, -2.1840, 0.4999**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.6840, 2.6208, -0.5999**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.1400, 4.3680, -0.9998**, and if you desaturate by 10%, it is **49.0000, 0.0000, 0.0000**.

Distribution



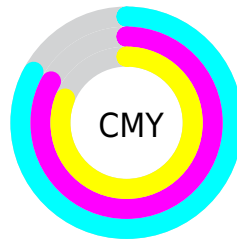
- Red (17%)
- Green (17%)
- Blue (19%)



- Red (17%)
- Yellow (17%)
- Blue (19%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (81%)



- Cyan (83%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5700, 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 44.5700, 2.1840, -0.4999 by changing the saturation by 10% instead.

■ 44.5700, 2.1840,
-0.4999

■ 44.5700, 2.1840,
-0.4999

255.0000, 0.0000,
0.0000

■ 24.1570, 1.8946,
-1.0147

■ 89.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 114.6840, 2.6208,
-0.5999

■ 139.6840, 2.6208,
-0.5999

■ 166.6840, 2.6208,
-0.5999

■ 193.6840, 2.6208,
-0.5999

■ 221.6840, 2.6208,

-0.5999

249.6840, 2.6208,
-0.5999

44.5700, 2.1840,
-0.4999

44.5700, 2.1840,
-0.4999

40.1400, 4.3680,
-0.9998

49.0000, 0.0000,
0.0000

35.7100, 6.5520,
-1.4997

53.4300, -2.1840,
0.4999

31.2800, 8.7360,
-1.9996

57.8600, -4.3680,
0.9998

26.8500, 10.9200,
-2.4995

62.2900, -6.5520,
1.4997

22.4200, 13.1039,
-2.9993

66.7200, -8.7360,
1.9996

■ 18.8760, 14.8511,
-3.3993

■ 70.2640, -10.4832,
2.3995

■ 14.4460, 17.0351,
-3.8991

■ 74.6940, -12.6671,
2.8994

■ 10.0160, 19.2191,
-4.3990

■ 79.1240, -14.8511,
3.3993

■ 5.5860, 21.4031,
-4.8989

■ 83.5540, -17.0351,
3.8991

Harmonies

Analogous

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



44.2600, 2.3368, -2.8590



44.5700, 2.1840, -0.4999



44.7660, 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.



44.5700, 2.1840, -0.4999



44.5660, -1.7580, 3.8886



43.6790, 0.1583, -4.1035

Complementary

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



44.5700, 2.1840, -0.4999



48.4300, -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.



43.6470, -1.3050, -1.4444



44.5700, 2.1840, -0.4999



44.4410, -2.1894, 2.2442

Square

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



44.5700, 2.1840, -0.4999



45.0930, -1.0318, 4.3034



44.4300, -2.1840, 0.4999



43.6080, 1.1793, -4.9182

Rectangle

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



44.5700, 2.1840, -0.4999



45.1360, 0.4260, 3.3887



44.4300, -2.1840, 0.4999



43.8640, -0.4260, -3.3887

Sweetspot

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



44.5700, 2.1840, -0.4999



62.2280, 0.8736, -0.2000



47.5050, 0.7370, -3.0739



32.1140, 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.



44.5700, 2.1840, -0.4999



56.9120, 3.4944, -0.7998



45.4670, 1.7418, 1.3444



23.3420, 1.3104, -0.2999



10.1460, 38.8750, -8.8980



24.7380, 94.7852, -21.6952

Inverse Universe

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



46.0650, 1.4470, 2.5740



59.3040, 2.3151, 4.1184



47.8320, -1.8892, -0.7297



24.2390, 0.8682, 1.5444



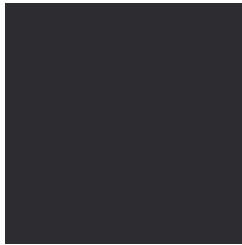
36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 44.5700, 2.1840, -0.4999 looks on a white background.

Color Contrast Check

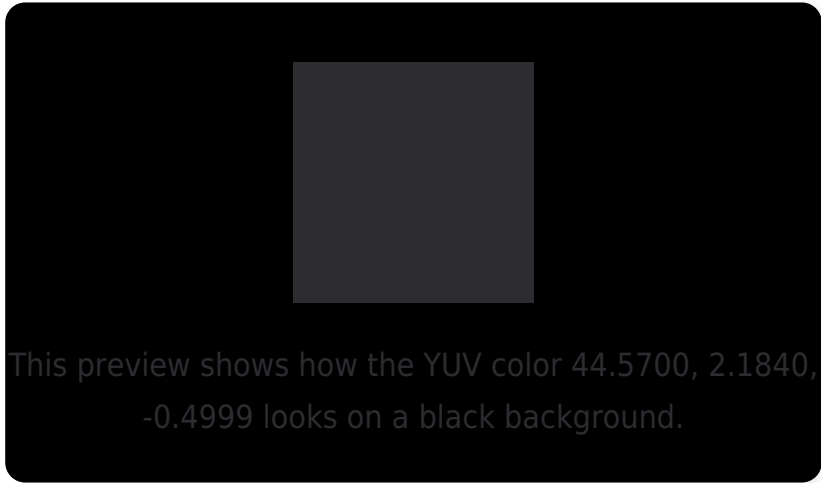
Large Text (above 18pt) WCAG AA ✓ Pass

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

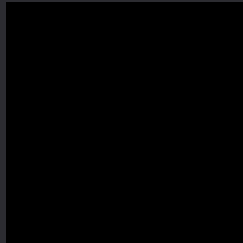
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.5700, 2.1840, -0.4999

Background



This preview shows how black text looks on a background with the YUV color 44.5700, 2.1840, -0.4999.



This preview shows how white text looks on a background with the YUV color 44.5700, 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

44.5700, 2.1840, -0.4999

Protanopia

44.5700, 2.1840, -0.4999

Deuteranopia

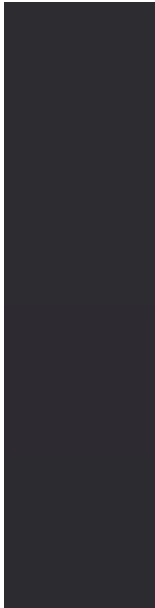
44.5810, 2.1786, 1.2445



Tritanopia

44.4560, 1.7472, -0.3999

Trichromacy



Original Color

44.5700, 2.1840, -0.4999

Protanomaly

44.5700, 2.1840, -0.4999

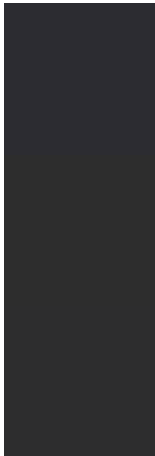
Deuteranomaly

44.2820, 2.3260, 0.6297

Tritanomaly

44.4560, 1.7472, -0.3999

Monochromacy



Original Color

44.5700, 2.1840, -0.4999

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5700, 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(44, 44, 49)` looks like.

```
.text, #text, p{  
    color:rgb(44, 44, 49)  
}
```

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, 44, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 44, 49) }
```

Border

The CSS property to change the border of an element to YUV 44.5700, 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(44, 44, 49) }
```


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

```
.border{ border-color:rgb(44, 44, 49) }
```

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

Here you see how a box with a 4 pixel rgb(44, 44, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 44, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 44, 49);  
box-shadow:4px 4px 4px 4px rgb(44, 44, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.5700, 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(44, 44, 49) }
```

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

```
.background{ background-color: rgb(44, 44,  
49) }
```

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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