

Converting Colors

YUV(52.3500, -4.1166, 13.7250)

Have a look what the booklet for
YUV(52.3500, -4.1166, 13.7250)
contains.

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Color

**YUV(52.3500, -4.1166,
13.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	442E2C
RGB	68, 46, 44
RGB Percent	27%, 18%, 17%
CMY	0.7333, 0.8196, 0.8275
CMYK	0.00, 0.32, 0.35, 0.73
HSL	5°, 21%, 22%
HSV	5°, 35%, 27%
XYZ	3.8155, 3.3648, 2.8312
YIQ	52.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

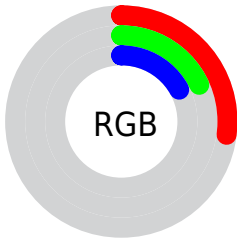
Format	Color
RYB	68, 46, 44
Decimal	4468268
CIELab	21.45, 9.78, 5.32
CIELCh	21, 11.133, 28.520
Yxy	3.3648, 0.3811, 0.3361
Android (android.graphics.Color)	4282658348 (0xFF442E2C)
YUV	52.3500, -4.1166, 13.7250
Hunter-Lab	18.3433, 5.0281, 3.6891

Details

The YUV color **52.3500, -4.1166, 13.7250** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.6500, 4.1166, -13.7250**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1330, -4.9956, 15.6694**, and **7.7740, -3.8326, 15.9842** is the 20% darker color. If you saturate the color by 10%, you get **48.0300, -5.4378, 17.5137**, and if you desaturate by 10%, it is **56.6700, -2.7953, 9.9364**.

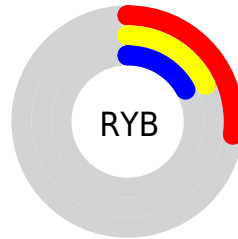
Distribution



Red (27%)

Green (18%)

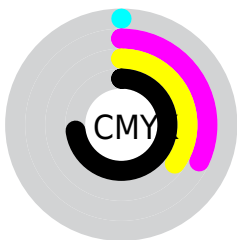
Blue (17%)



Red (27%)

Yellow (18%)

Blue (17%)

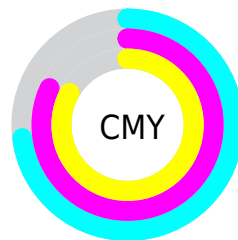


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3500, -4.1166, 13.7250 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 52.3500, -4.1166, 13.7250 by changing the saturation by 10% instead.

■ 52.3500, -4.1166,
13.7250

■ 52.3500, -4.1166,
13.7250

■ 255.0000, 0.0000,
0.0000

■ 30.8660, -3.3849,
12.3955

■ 99.1330, -4.9956,
15.6694

■ 7.7740, -3.8326,
15.9842

■ 124.4320, -5.1430,
16.2841

■ 0.0000, 0.0000,
0.0000

■ 149.7310, -5.2904,
16.8989

■ 177.0300, -5.4378,
17.5137

■ 204.3290, -5.5852,
18.1285

■ 232.6280, -5.7326,

18.7432

■ 253.1420, -2.0420,
1.6295

■ 52.3500, -4.1166,
13.7250

■ 52.3500, -4.1166,
13.7250

■ 48.0300, -5.4378,
17.5137

■ 56.6700, -2.7953,
9.9364

■ 43.7100, -6.7590,
21.3023

■ 60.9900, -1.4741,
6.1478

■ 38.9170, -7.3541,
25.5058

■ 65.7830, -0.8790,
1.9443

■ 34.5970, -8.6753,
29.2944

■ 70.1030, 0.4422,
-1.8443

■ 30.2770, -9.9966,
33.0831

■ 74.4230, 1.7635,
-5.6330

■ 25.9570, -11.3178,
36.8717

■ 78.7430, 3.0847,
-9.4216

■ 23.8540, -11.7600,
38.7160

■ 83.6500, 4.1165,
-13.7251

■ 87.8560, 5.0010,
-17.4137

■ 92.1760, 6.3222,
-21.2024

Harmonies

Analogous

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



52.9630, -0.4748, 12.3104



52.3500, -4.1166, 13.7250



51.9430, -6.8739, 11.4510

Triad

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



52.3500, -4.1166, 13.7250



49.1470, -3.0305, -8.0219



50.5350, 8.6102, -8.3622

Complementary

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



52.3500, -4.1166, 13.7250



59.6500, 4.1166, -13.7250

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.



48.9640, 7.9057, -15.7544



52.3500, -4.1166, 13.7250



47.9550, 1.5012, -14.8695

Square

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



52.3500, -4.1166, 13.7250



49.9800, -6.3991, -0.8595



47.6710, 5.5852, -18.1285



51.8350, 6.9833, 0.1447

Rectangle

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



52.3500, -4.1166, 13.7250



51.2800, -8.0260, 7.6474



47.6710, 5.5852, -18.1285



49.8120, 8.4737, -11.2361

Sweetspot

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



52.3500, -4.1166, 13.7250



82.5770, -1.7635, 5.6330



53.6840, 6.0718, 12.5551



41.7940, -0.8844, 3.6887



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.3500, -4.1166, 13.7250



64.8240, -6.3222, 21.2024



59.3940, -7.5892, 7.5475



30.8970, -0.4422, 1.8443



33.6990, -16.6136, 55.5150



78.1290, -38.5176, 127.9289

Inverse Universe

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



59.6500, 4.1166, -13.7250



76.1760, 6.3222, -21.2024



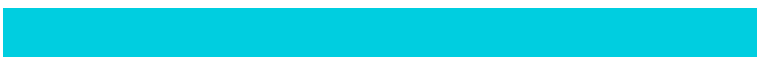
52.6060, 7.5892, -7.5475



32.1030, 0.4422, -1.8443



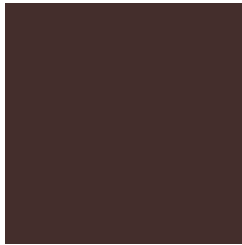
63.3010, 16.6136, -55.5150



146.4580, 38.2282, -128.4437

Previews

White Background



This preview shows how the YUV color 52.3500, -4.1166, 13.7250 looks on a white background.

Color Contrast Check

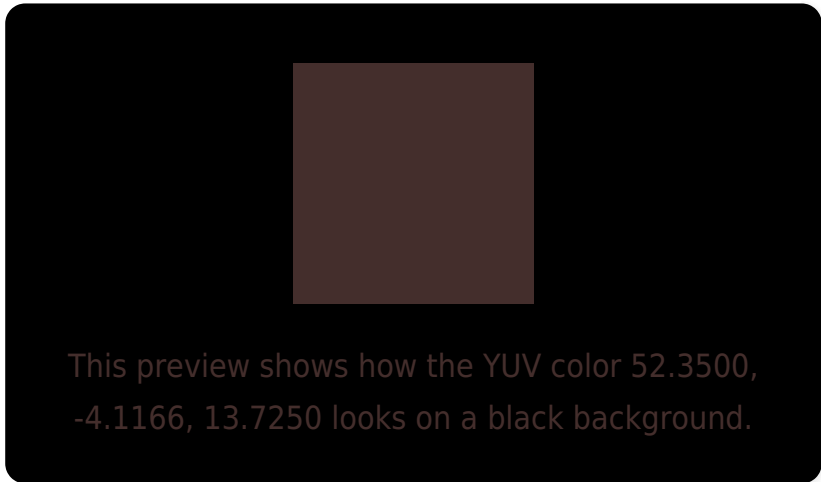
Large Text (above 18pt) WCAG AA ✓ Pass

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

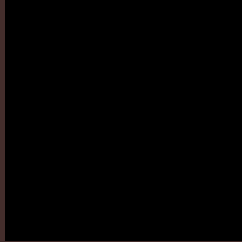
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3500, -4.1166, 13.7250

Background



This preview shows how black text looks on a background with the YUV color 52.3500, -4.1166, 13.7250.

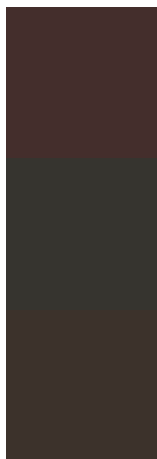


This preview shows how white text looks on a background with the YUV color 52.3500, -4.1166,

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

52.3500, -4.1166, 13.7250

Protanopia

52.0280, -2.4788, 1.7294

Deuteranopia

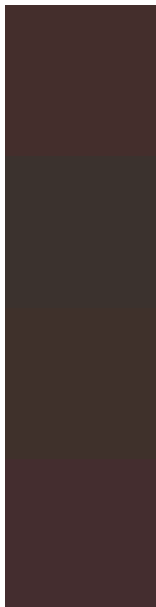
52.1920, -4.5317, 6.8476



Tritanopia

52.3330, -1.6432, 13.7400

Trichromacy



Original Color

52.3500, -4.1166, 13.7250

Protanomaly

52.2350, -3.0739, 5.9329

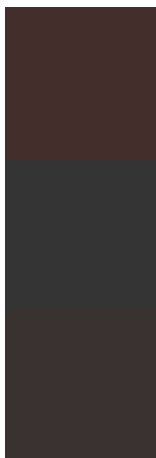
Deuteranomaly

52.5020, -4.6845, 9.2067

Tritanomaly

52.1050, -2.5168, 13.9399

Monochromacy



Original Color

52.3500, -4.1166, 13.7250

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2780, -1.6161, 5.0182

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3500, -4.1166, 13.7250 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(68, 46, 44)` looks like.

```
.text, #text, p{  
    color:rgb(68, 46, 44)  
}
```

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(68, 46, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 46, 44) }
```

Border

The CSS property to change the border of an element to YUV 52.3500, -4.1166, 13.7250 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(68, 46, 44) }
```


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

```
.border{ border-color:rgb(68, 46, 44) }
```

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

Here you see how a box with a 4 pixel rgb(68, 46, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 46, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 46, 44);  
box-shadow:4px 4px 4px 4px rgb(68, 46, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3500, -4.1166, 13.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 46, 44) }
```

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

```
.background{ background-color: rgb(68, 46,  
44) }
```

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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