

Converting Colors

YUV(44.4800, -4.6736, 5.7180)

Have a look what the booklet for
YUV(44.4800, -4.6736, 5.7180)
contains.

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Color

**YUV(44.4800, -4.6736,
5.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	332B23
RGB	51, 43, 35
RGB Percent	20%, 17%, 14%
CMY	0.8000, 0.8314, 0.8627
CMYK	0.00, 0.16, 0.31, 0.80
HSL	30°, 19%, 17%
HSV	30°, 31%, 20%
XYZ	2.5325, 2.5529, 1.9494
YIQ	44.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

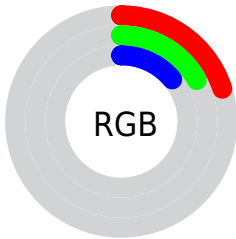
Format	Color
R_{YB}	51, 51, 35
Decimal	3353379
CIE Lab	18.16, 2.11, 6.57
CIE LCh	18, 6.901, 72.162
Yxy	2.5529, 0.3600, 0.3629
Android (android.graphics.Color)	4281543459 (0xFF332B23)
YUV	44.4800, -4.6736, 5.7180
Hunter-Lab	15.9778, 0.3311, 3.9507

Details

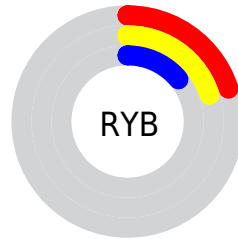
The YUV color **44.4800, -4.6736, 5.7180** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.5200, 4.6736, -5.7180**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9640, -5.4053, 7.0476**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **42.1490, -5.9895, 7.7623**, and if you desaturate by 10%, it is **46.8110, -3.3578, 3.6738**.

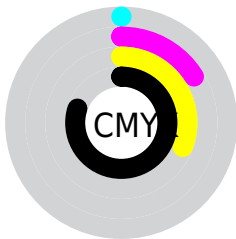
Distribution



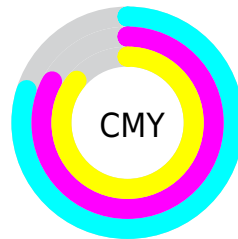
- Red (20%)
- Green (17%)
- Blue (14%)



- Red (20%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (80%)



- Cyan (80%)
- Magenta (83%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4800, -4.6736, 5.7180 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 44.4800, -4.6736, 5.7180 by changing the saturation by 10% instead.

■ 44.4800, -4.6736,
5.7180

■ 44.4800, -4.6736,
5.7180

■ 255.0000, 0.0000,
0.0000

■ 23.9530, -5.3998,
5.3032

■ 89.9640, -5.4053,
7.0476

■ 0.0000, 0.0000,
0.0000

■ 114.8500, -5.8421,
7.1475

■ 139.8500, -5.8420,
7.1476


■ 166.1490, -5.9895,
7.7623


■ 194.0350, -6.4263,
7.8623


■ 221.4480, -6.1369,


8.3771


 248.8390, -5.8366,
5.4032


 44.4800, -4.6736,
5.7180


 44.4800, -4.6736,
5.7180


 42.1490, -5.9895,
7.7623


 46.8110, -3.3578,
3.6738

 40.4050, -7.5947,
9.2918


 48.5550, -1.7526,
2.1443

 38.0740, -8.9105,
11.3361

 50.8860, -0.4368,
0.1000

 36.3300, -10.5157,
12.8656

 52.6300, 1.1684,
-1.4295

 33.9990, -11.8315,
14.9099

 55.0750, 2.9210,
-3.5738

■ 32.1410, -13.8735,
16.5393

■ 56.8190, 4.5262,
-5.1033

■ 30.5110, -15.0419,
17.9689

■ 59.1500, 5.8421,
-7.1475

■ 60.8940, 7.4473,
-8.6770

■ 63.2250, 8.7631,
-10.7213

Harmonies

Analogous

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



45.1320, -3.5161, 7.7772



44.4800, -4.6736, 5.7180



44.1590, -4.5154, 1.6146

Triad

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



44.4800, -4.6736, 5.7180



42.4010, 1.7743, -9.1217



44.9340, 3.4835, 2.6889

Complementary

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



44.4800, -4.6736, 5.7180



41.5200, 4.6736, -5.7180

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.



44.2430, 4.8102, -2.8441



44.4800, -4.6736, 5.7180



42.9710, 3.9583, -9.6216

Square

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



44.4800, -4.6736, 5.7180



42.7280, -0.8519, -6.7775



43.6230, 5.1159, -7.5624



45.3860, 1.2887, 6.6775

Rectangle

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



44.4800, -4.6736, 5.7180



43.6640, -3.7784, -1.4593



43.6230, 5.1159, -7.5624



45.0370, 3.9258, 0.8446

Sweetspot

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



44.4800, -4.6736, 5.7180



63.5550, -1.7526, 2.1443



40.6960, 1.1359, 9.0366



31.4840, -0.7316, 1.3295



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.



44.4800, -4.6736, 5.7180



56.1060, -7.4473, 8.6770



49.1760, -6.9888, 1.5996



24.4840, -0.7316, 1.3295



53.0260, -26.1418, 31.5492



128.2790, -63.2415, 77.8083

Inverse Universe

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



41.5200, 4.6736, -5.7180



51.4810, 7.1579, -9.1918



36.8240, 6.9888, -1.5996



23.9290, 1.0210, -0.8147



36.5610, 25.8524, -32.0640



88.1340, 63.5309, -77.2935

Previews

White Background



This preview shows how the YUV color 44.4800, -4.6736, 5.7180 looks on a white background.

Color Contrast Check

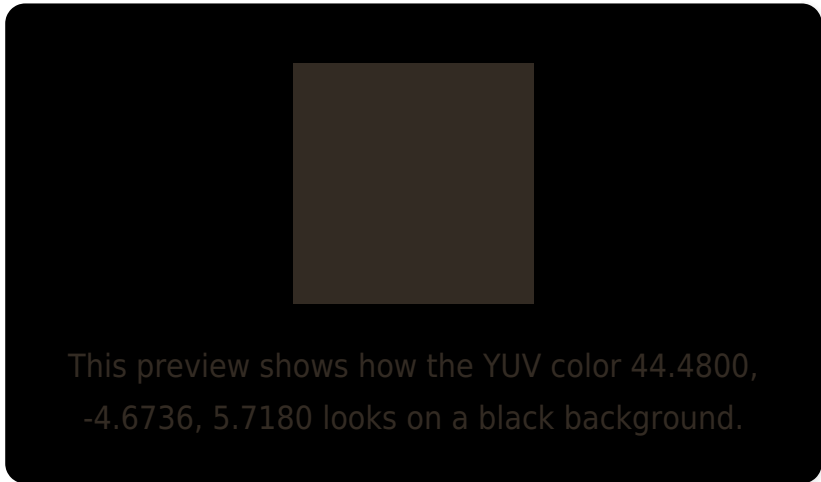
Large Text (above 18pt) WCAG AA ✓ Pass

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

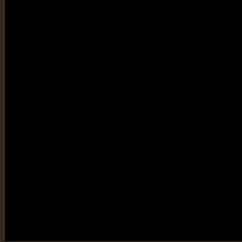
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4800, -4.6736, 5.7180

Background



This preview shows how black text looks on a background with the YUV color 44.4800, -4.6736, 5.7180.

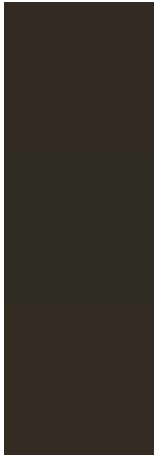


This preview shows how white text looks on a background with the YUV color 44.4800, -4.6736,

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

44.4800, -4.6736, 5.7180

Protanopia

43.9850, -3.9366, 2.6442

Deuteranopia

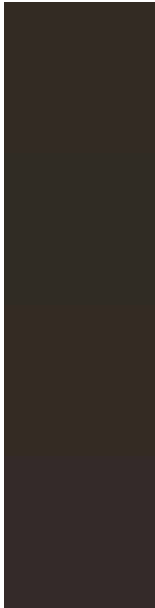
44.7790, -4.8210, 6.3328



Tritanopia

45.3320, -0.1637, 5.8478

Trichromacy



Original Color

44.4800, -4.6736, 5.7180

Protanomaly

44.2840, -4.0840, 3.2589

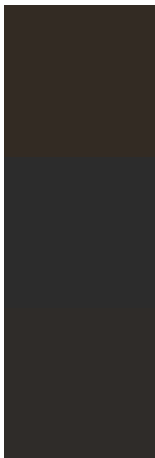
Deuteranomaly

44.7790, -4.8210, 6.3328

Tritanomaly

44.8760, -1.9109, 6.2477

Monochromacy



Original Color

44.4800, -4.6736, 5.7180

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.5550, -1.7526, 2.1443

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4800, -4.6736, 5.7180 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, 43, 35)` looks like.

```
.text, #text, p{  
    color:rgb(51, 43, 35)  
}
```

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, 43, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 43, 35) }
```

Border

The CSS property to change the border of an element to YUV 44.4800, -4.6736, 5.7180 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, 43, 35) }
```


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

```
.border{ border-color:rgb(51, 43, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 43, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 43, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 43, 35);  
box-shadow:4px 4px 4px 4px rgb(51, 43, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4800, -4.6736, 5.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 43, 35) }
```

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

```
.background{ background-color: rgb(51, 43,  
35) }
```

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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