

Converting Colors

YUV(30.4800, -4.6736, 5.7180)

Have a look what the booklet for
YUV(30.4800, -4.6736, 5.7180)
contains.

YUV(30.4800, -4.6736, 5.7180)	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(30.4800, -4.6736,
5.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	251D15
RGB	37, 29, 21
RGB Percent	15%, 11%, 8%
CMY	0.8549, 0.8863, 0.9176
CMYK	0.00, 0.22, 0.43, 0.85
HSL	30°, 28%, 11%
HSV	30°, 43%, 15%
XYZ	1.3377, 1.3262, 0.8949
YIQ	30.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

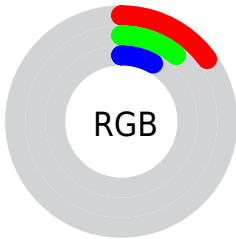
Format	Color
RYB	37, 37, 21
Decimal	2432277
CIELab	11.46, 2.37, 6.95
CIELCh	11, 7.345, 71.197
Yxy	1.3262, 0.3759, 0.3726
Android (android.graphics.Color)	4280622357 (0xFF251D15)
YUV	30.4800, -4.6736, 5.7180
Hunter-Lab	11.5160, 0.5811, 3.4536

Details

The YUV color **30.4800, -4.6736, 5.7180** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27.5200, 4.6736, -5.7180**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9640, -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 **28.8500, -5.8420, 7.1476**, and if you desaturate by 10%, it is **32.1100, -3.5052, 4.2885**.

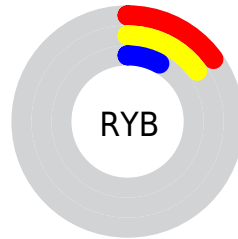
Distribution



Red (15%)

Green (11%)

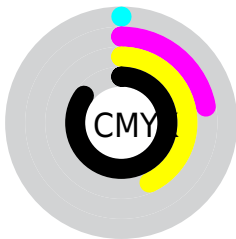
Blue (8%)



Red (15%)

Yellow (15%)

Blue (8%)

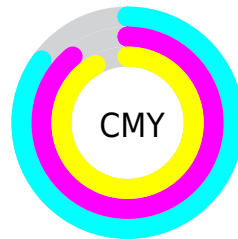


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (85%)



Cyan (85%)

Magenta (89%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4800, -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 30.4800, -4.6736, 5.7180 by changing the saturation by 10% instead.

■ 30.4800, -4.6736,
5.7180

■ 30.4800, -4.6736,
5.7180

■ 253.9740, -3.9312,
0.8998

■ 5.9470, -2.9319,
7.0625

■ 73.9640, -5.4053,
7.0476

■ 0.0000, 0.0000,
0.0000

■ 97.9640, -5.4053,
7.0476

■ 123.1490, -5.9895,
7.7623

■ 149.0350, -6.4263,
7.8623

■ 175.4480, -6.1369,
8.3771

■ 202.7470, -6.2843,

8.9919

■ 231.2200, -7.0105,
8.5771

■ 30.4800, -4.6736,
5.7180

■ 30.4800, -4.6736,
5.7180

■ 28.8500, -5.8420,
7.1476

■ 32.1100, -3.5052,
4.2885

■ 27.3340, -6.5737,
8.4771

■ 33.6260, -2.7736,
2.9590

■ 25.7040, -7.7421,
9.9066

■ 35.2560, -1.6052,
1.5295

■ 24.6610, -9.1999,
10.8213

■ 36.2990, -0.1474,
0.6148

■ 23.0310, -10.3683,
12.2508

■ 37.9290, 1.0210,
-0.8147

■ 21.6290, -10.6631,
13.4804

■ 39.4450, 1.7526,
-2.1443

■ 41.0750, 2.9210,
-3.5738

■ 42.7050, 4.0894,
-5.0033

■ 44.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



31.1320, -3.5161, 7.7772



30.4800, -4.6736, 5.7180



30.1590, -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.



30.4800, -4.6736, 5.7180



28.1020, 1.9217, -9.7365



30.9340, 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.



30.4800, -4.6736, 5.7180



27.5200, 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.



30.2430, 4.8102, -2.8441



30.4800, -4.6736, 5.7180



28.3730, 4.2531, -10.8511

Square

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



30.4800, -4.6736, 5.7180



28.7280, -0.8519, -6.7775



29.3240, 5.2633, -8.1771



31.0870, 1.4361, 6.0627

Rectangle

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



30.4800, -4.6736, 5.7180



29.9630, -3.9258, -0.8446



29.3240, 5.2633, -8.1771



30.7380, 4.0732, 0.2298

Sweetspot

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



30.4800, -4.6736, 5.7180



45.5550, -1.7526, 2.1443



26.6960, 1.1359, 9.0366



23.6690, -1.3158, 2.0443



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



30.4800, -4.6736, 5.7180



38.1060, -7.4473, 8.6770



35.1760, -6.9888, 1.5996



17.1850, -0.5842, 0.7148



48.5850, -23.9524, 29.3050



124.1260, -61.1941, 74.4345

Inverse Universe

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



27.5200, 4.6736, -5.7180



33.4810, 7.1579, -9.1918



22.8240, 6.9888, -1.5996



16.8150, 0.5842, -0.7148



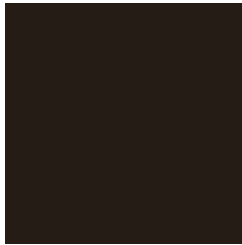
33.4150, 23.9524, -29.3050



85.4610, 60.9047, -74.9493

Previews

White Background



This preview shows how the YUV color 30.4800, -4.6736, 5.7180 looks on a white background.

Color Contrast Check

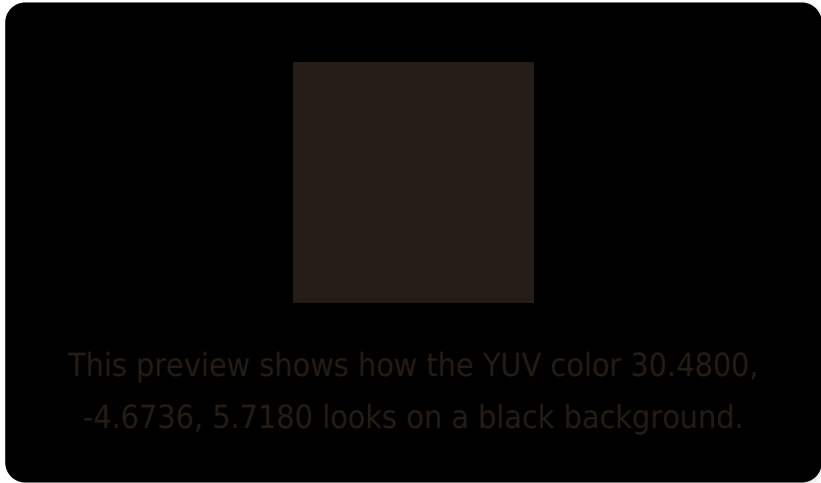
Large Text (above 18pt) WCAG AA ✓ Pass

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

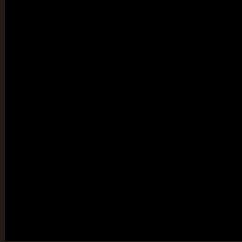
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4800, -4.6736, 5.7180

Background



This preview shows how black text looks on a background with the YUV color 30.4800, -4.6736, 5.7180.



This preview shows how white text looks on a background with the YUV color 30.4800, -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

30.4800, -4.6736, 5.7180

Protanopia

30.5720, -4.2260, 2.1294

Deuteranopia

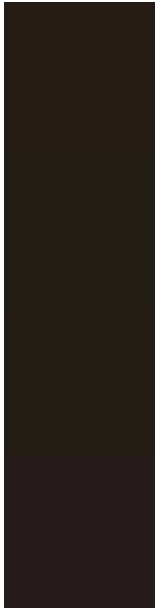
30.1810, -4.5262, 5.1033



Tritanopia

31.2180, -0.6005, 5.9478

Trichromacy



Original Color

30.4800, -4.6736, 5.7180

Protanomaly

30.2840, -4.0840, 3.2589

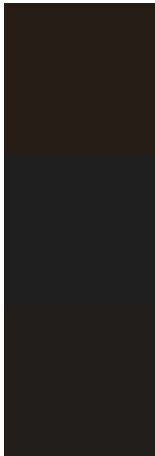
Deuteranomaly

30.1810, -4.5262, 5.1033

Tritanomaly

30.8760, -1.9109, 6.2477

Monochromacy



Original Color

30.4800, -4.6736, 5.7180

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.5550, -1.7526, 2.1443

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4800, -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(37, 29, 21)` looks like.

```
.text, #text, p{  
    color:rgb(37, 29, 21)  
}
```

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(37, 29, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 29, 21) }
```

Border

The CSS property to change the border of an element to YUV 30.4800, -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(37, 29, 21) }
```


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

```
.border{ border-color:rgb(37, 29, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 29, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 29, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 29, 21);  
box-shadow:4px 4px 4px 4px rgb(37, 29, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.4800, -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(37, 29, 21) }
```

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

```
.background{ background-color: rgb(37, 29,  
21) }
```

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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