

Converting Colors

YUV(48.0540, 1.4524, 0.8296)

Have a look what the booklet for
YUV(48.0540, 1.4524, 0.8296)
contains.

YUV(48.0540, 1.4524, 0.8296)	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(48.0540, 1.4524,
0.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	312F33
RGB	49, 47, 51
RGB Percent	19%, 18%, 20%
CMY	0.8078, 0.8157, 0.8000
CMYK	0.04, 0.08, 0.00, 0.80
HSL	270°, 4%, 19%
HSV	270°, 8%, 20%
XYZ	2.8807, 2.9250, 3.5447
YIQ	48.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

Format	Color
RYB	49, 47, 51
Decimal	3223347
CIELab	19.74, 1.84, -2.24
CIELCh	20, 2.895, 309.342
Yxy	2.9250, 0.3081, 0.3128
Android (android.graphics.Color)	4281413427 (0xFF312F33)
YUV	48.0540, 1.4524, 0.8296
Hunter-Lab	17.1027, 0.1359, -0.3167

Details

The YUV color **48.0540, 1.4524, 0.8296** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.9460, -1.4524, -0.8296**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0540, 1.4524, 0.8296**, and **0.4560, 1.7472, -0.3999** is the 20% darker color. If you saturate the color by 10%, you get **44.2220, 3.3416, 1.5593**, and if you desaturate by 10%, it is **51.8860, -0.4368, 0.1000**.

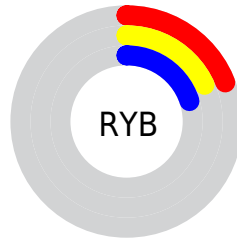
Distribution



Red (19%)

Green (18%)

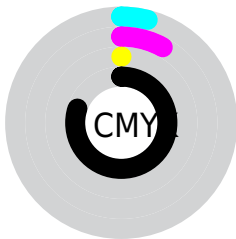
Blue (20%)



Red (19%)

Yellow (18%)

Blue (20%)

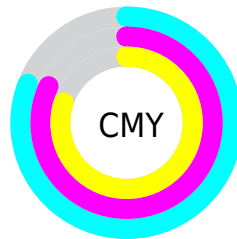


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (80%)



Cyan (81%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.0540, 1.4524, 0.8296 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 48.0540, 1.4524, 0.8296 by changing the saturation by 10% instead.

■ 48.0540, 1.4524,
0.8296

■ 48.0540, 1.4524,
0.8296

■ 255.0000, 0.0000,
0.0000

■ 27.0540, 1.4524,
0.8296

■ 94.0540, 1.4524,
0.8296

■ 0.4560, 1.7472,
-0.3999

■ 118.4670, 1.7418,
1.3444

■ 0.0000, 0.0000,
0.0000

■ 144.1680, 1.8892,
0.7297

■ 170.4670, 1.7418,
1.3444

■ 198.1680, 1.8892,
0.7297

■ 226.1680, 1.8892,

0.7297

253.8260, 0.5788,
1.0296

■ 48.0540, 1.4524,
0.8296

■ 48.0540, 1.4524,
0.8296

■ 44.2220, 3.3416,
1.5593

■ 51.8860, -0.4368,
0.1000

■ 40.6890, 5.0833,
2.9037

■ 55.4190, -2.1786,
-1.2445

■ 36.8570, 6.9725,
3.6334

■ 59.2510, -4.0677,
-1.9741

■ 33.3240, 8.7143,
4.9779

■ 62.7840, -5.8095,
-3.3186

■ 28.9050, 10.8928,
6.2223

■ 67.2030, -7.9881,
-4.5630

■ 25.3720, 12.6346,
7.5668

■ 70.7360, -9.7298,
-5.9075

■ 21.5400, 14.5238,
8.2964

■ 74.5680, -11.6190,
-6.6371

■ 18.0070, 16.2655,
9.6409

■ 78.1010, -13.3608,
-7.9816

■ 14.1750, 18.1547,
10.3705

■ 81.9330, -15.2500,
-8.7112

Harmonies

Analogous

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



47.8580, 2.0420, -1.6295



48.0540, 1.4524, 0.8296



48.4240, 0.2840, 2.2592

Triad

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



48.0540, 1.4524, 0.8296



47.8540, -1.9000, 2.7590



47.0920, 0.4476, -3.5887

Complementary

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



48.0540, 1.4524, 0.8296



49.9460, -1.4524, -0.8296

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.



47.1630, -0.5734, -2.7740



48.0540, 1.4524, 0.8296



47.8430, -1.8946, 1.0147

Square

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



48.0540, 1.4524, 0.8296



48.2670, -1.6106, 3.2738



46.9460, -1.4524, -0.8296



47.3200, 1.3212, -3.7886

Rectangle

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



48.0540, 1.4524, 0.8296



48.0220, -0.0108, 3.4887



46.9460, -1.4524, -0.8296



47.0920, 0.4476, -3.5887

Sweetspot

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



48.0540, 1.4524, 0.8296



65.4130, 0.2894, 0.5148



48.6300, 1.1684, -1.4295



32.4130, 0.2894, 0.5148



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.



48.0540, 1.4524, 0.8296



61.5810, 2.1786, 1.2445



48.6520, 1.1576, 2.0592



23.6410, 1.1630, 0.3148



23.6010, 32.2417, 18.7669



57.0300, 78.8652, 44.7007

Inverse Universe

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



48.4240, 0.2840, 2.2592



62.1360, 0.4260, 3.3887



49.3480, -1.1576, -2.0592



24.0110, -0.0054, 1.7444



31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Previews

White Background



This preview shows how the YUV color 48.0540, 1.4524, 0.8296 looks on a white background.

Color Contrast Check

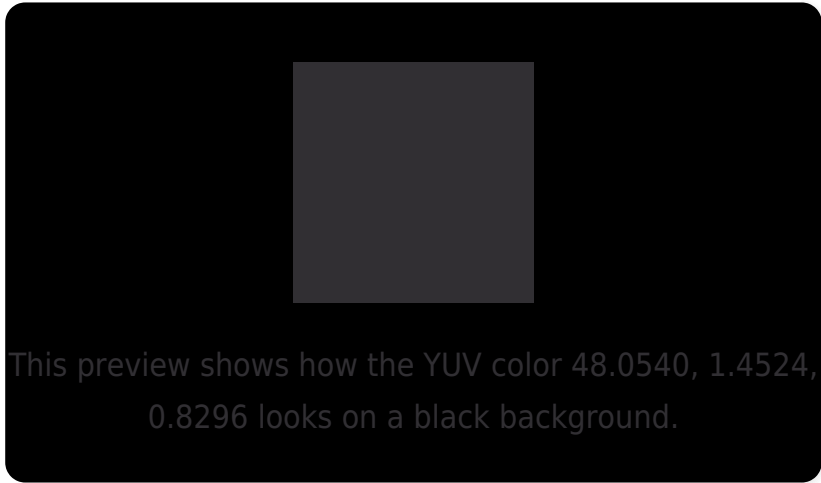
Large Text (above 18pt) WCAG AA ✓ Pass

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

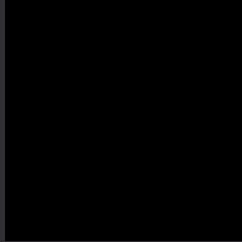
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.0540, 1.4524, 0.8296

Background



This preview shows how black text looks on a background with the YUV color 48.0540, 1.4524, 0.8296.



This preview shows how white text looks on a background with the YUV color 48.0540, 1.4524,

0.8296.

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

48.0540, 1.4524, 0.8296

Protanopia

47.7550, 1.5998, 0.2149

Deuteranopia

48.0650, 1.4470, 2.5740



Tritanopia

48.0540, 1.4524, 0.8296

Trichromacy



Original Color

48.0540, 1.4524, 0.8296

Protanomaly

47.7550, 1.5998, 0.2149

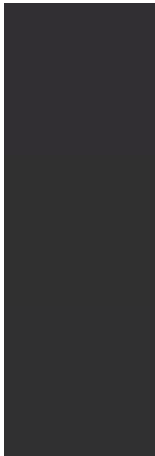
Deuteranomaly

47.7660, 1.5944, 1.9592

Tritanomaly

48.0540, 1.4524, 0.8296

Monochromacy



Original Color

48.0540, 1.4524, 0.8296

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0540, 1.4524, 0.8296 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(49, 47, 51)` looks like.

```
.text, #text, p{  
    color:rgb(49, 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(49, 47, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 47, 51) }
```

Border

The CSS property to change the border of an element to YUV 48.0540, 1.4524, 0.8296 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(49, 47, 51) }
```


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

```
.border{ border-color:rgb(49, 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(49, 47, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 47, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 47, 51);  
box-shadow:4px 4px 4px 4px rgb(49, 47, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.0540, 1.4524, 0.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 47, 51) }
```

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

```
.background{ background-color: rgb(49, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor