

Converting Colors

YUV(48.0050, -0.9885, -9.6514)

Have a look what the booklet for
YUV(48.0050, -0.9885, -9.6514)
contains.

YUV(48.0050, -0.9885, -9.6514)	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(48.0050, -0.9885,
-9.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	25362E
RGB	37, 54, 46
RGB Percent	15%, 21%, 18%
CMY	0.8549, 0.7882, 0.8196
CMYK	0.31, 0.00, 0.15, 0.79
HSL	152°, 19%, 18%
HSV	152°, 31%, 21%
XYZ	2.5753, 3.2289, 3.0723
YIQ	48.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

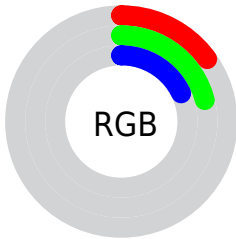
Format	Color
R_{YB}	37, 48, 54
Decimal	2438702
CIE Lab	20.94, -9.04, 2.80
CIE LCh	21, 9.465, 162.800
Yxy	3.2289, 0.2901, 0.3638
Android (android.graphics.Color)	4280628782 (0xFF25362E)
YUV	48.0050, -0.9885, -9.6514
Hunter-Lab	17.9692, -5.8642, 2.4413

Details

The YUV color **48.0050, -0.9885, -9.6514** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.9950, 0.9885, 9.6514**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2930, -1.1304, -10.7810**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **46.1680, -1.5618, -12.4253**, and if you desaturate by 10%, it is **49.8420, -0.4151, -6.8774**.

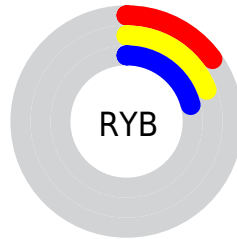
Distribution



Red (15%)

Green (21%)

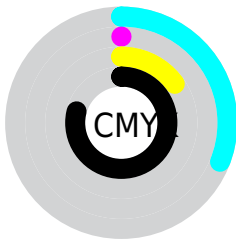
Blue (18%)



Red (15%)

Yellow (19%)

Blue (21%)

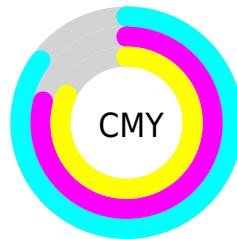


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (79%)



Cyan (85%)

Magenta (79%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.0050, -0.9885, -9.6514 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 48.0050, -0.9885, -9.6514 by changing the saturation by 10% instead.

■ 48.0050, -0.9885,
-9.6514

■ 48.0050, -0.9885,
-9.6514

■ 255.0000, 0.0000,
0.0000

■ 27.0050, -0.9885,
-9.6514

■ 94.2930, -1.1304,
-10.7810

■ 3.5220, -1.7363,
-3.0888

■ 119.1790, -1.5672,
-10.6810

■ 0.0000, 0.0000,
0.0000

■ 144.8800, -1.4198,
-11.2958

■ 170.8800, -1.4198,
-11.2958

■ 198.4670, -1.7092,
-11.8106

■ 226.4670, -1.7092,

-11.8106

■ 250.4720, 0.7533,
-8.3069

■ 48.0050, -0.9885,
-9.6514

■ 48.0050, -0.9885,
-9.6514

■ 46.1680, -1.5618,
-12.4253

■ 49.8420, -0.4151,
-6.8774

■ 44.1460, -1.5510,
-15.9140

■ 51.8640, -0.4260,
-3.3887

■ 42.3090, -2.1243,
-18.6880

■ 53.7010, 0.1474,
-0.6148

■ 40.2870, -2.1135,
-22.1767

■ 55.7230, 0.1366,
2.8739

■ 38.4500, -2.6868,
-24.9506

■ 57.5600, 0.7099,
5.6479

■ 36.7270, -2.8234,
-27.8246

■ 59.2830, 0.8465,
8.5218

■ 35.0040, -2.9600,
-30.6985

■ 61.4190, 1.2724,
11.9105

■ 63.1420, 1.4090,
14.7845

■ 65.2780, 1.8349,
18.1732

Harmonies

Analogous

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



49.1260, -4.4991, -3.6185



48.0050, -0.9885, -9.6514



47.3080, 2.8062, -13.4251

Triad

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



48.0050, -0.9885, -9.6514



50.4000, 6.7048, -3.8588



50.8120, -4.8373, 11.5659

Complementary

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



48.0050, -0.9885, -9.6514



42.9950, 0.9885, 9.6514

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.



51.3220, -1.6377, 11.9956



48.0050, -0.9885, -9.6514



51.5750, 4.6465, 3.0037

Square

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



48.0050, -0.9885, -9.6514



48.7690, 7.0159, -10.3214



51.8100, 1.5727, 8.9366



50.6220, -6.7156, 7.3475

Rectangle

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



48.0050, -0.9885, -9.6514



47.5790, 5.1376, -14.5398



51.8100, 1.5727, 8.9366



51.0400, -3.9637, 11.3659

Sweetspot

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



48.0050, -0.9885, -9.6514



68.8640, -0.4260, -3.3887



49.3710, -6.0989, -3.8334



34.5760, -0.2840, -2.2592



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



48.0050, -0.9885, -9.6514



61.5590, -1.2616, -15.3992



48.9170, 2.5059, -10.4512



26.9890, 0.0054, -1.7444



59.5900, -5.2209, -52.2604



141.7770, -12.7081, -124.3384

Inverse Universe

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



42.9950, 0.9885, 9.6514



53.5550, 1.6984, 15.2993



42.0830, -2.5059, 10.4512



26.1250, 0.4314, 1.6444



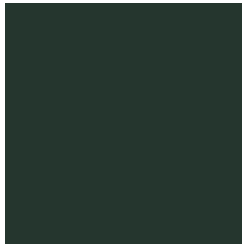
32.4100, 5.2209, 52.2604



77.2230, 12.7081, 124.3384

Previews

White Background



This preview shows how the YUV color 48.0050, -0.9885, -9.6514 looks on a white background.

Color Contrast Check

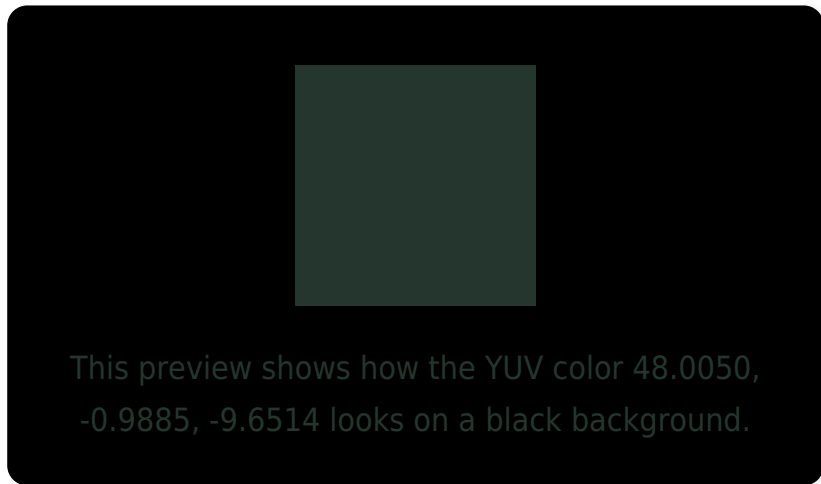
Large Text (above 18pt) WCAG AA ✓ Pass

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

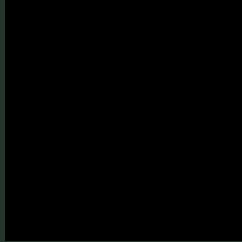
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.0050, -0.9885, -9.6514

Background



This preview shows how black text looks on a background with the YUV color 48.0050, -0.9885, -9.6514.



This preview shows how white text looks on a background with the YUV color 48.0050, -0.9885, -9.6514.

-9.6514.

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

48.0050, -0.9885, -9.6514

Protanopia

50.2130, -3.0630, 2.4442

Deuteranopia

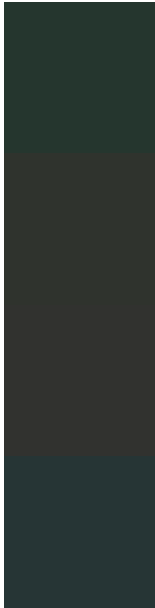
50.2780, -1.6161, 5.0182



Tritanopia

48.6830, 4.1003, -8.4920

Trichromacy



Original Color

48.0050, -0.9885, -9.6514

Protanomaly

49.1200, -2.0312, -1.8592

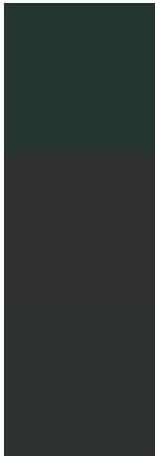
Deuteranomaly

49.3590, -1.1630, -0.3148

Tritanomaly

48.5150, 2.2111, -9.2217

Monochromacy



Original Color

48.0050, -0.9885, -9.6514

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8640, -0.4260, -3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0050, -0.9885, -9.6514 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, 54, 46)` looks like.

```
.text, #text, p{  
    color:rgb(37, 54, 46)  
}
```

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, 54, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 54, 46) }
```

Border

The CSS property to change the border of an element to YUV 48.0050, -0.9885, -9.6514 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, 54, 46) }
```


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

```
.border{ border-color:rgb(37, 54, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 54, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 54, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 54, 46);  
box-shadow:4px 4px 4px 4px rgb(37, 54, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.0050, -0.9885, -9.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 54, 46) }
```

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

```
.background{ background-color: rgb(37, 54,  
46) }
```

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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