

Converting Colors

YUV(49.3530, 1.3050, 1.4444)

Have a look what the booklet for
YUV(49.3530, 1.3050, 1.4444)
contains.

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Color

**YUV(49.3530, 1.3050,
1.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	333034
RGB	51, 48, 52
RGB Percent	20%, 19%, 20%
CMY	0.8000, 0.8118, 0.7961
CMYK	0.02, 0.08, 0.00, 0.80
HSL	285°, 4%, 20%
HSV	285°, 8%, 20%
XYZ	3.0420, 3.0656, 3.6802
YIQ	49.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

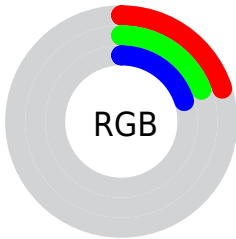
Format	Color
R_{YB}	51, 48, 52
Decimal	3354676
CIE Lab	20.30, 2.26, -2.07
CIE LCh	20, 3.067, 317.544
Yxy	3.0656, 0.3108, 0.3132
Android (android.graphics.Color)	4281544756 (0xFF333034)
YUV	49.3530, 1.3050, 1.4444
Hunter-Lab	17.5090, 0.3720, -0.2059

Details

The YUV color **49.3530, 1.3050, 1.4444** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.6470, -1.3050, -1.4444**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3530, 1.3050, 1.4444**, and **2.1790, 1.8838, 2.4740** is the 20% darker color. If you saturate the color by 10%, you get **46.1190, 2.8993, 3.4036**, and if you desaturate by 10%, it is **52.5870, -0.2894, -0.5148**.

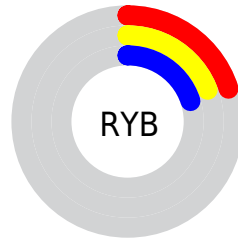
Distribution



Red (20%)

Green (19%)

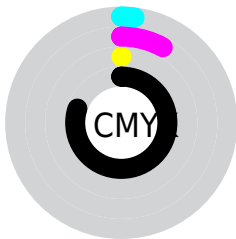
Blue (20%)



Red (20%)

Yellow (19%)

Blue (20%)

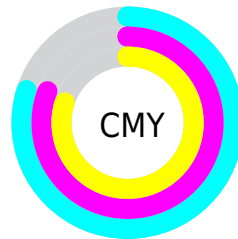


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (81%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3530, 1.3050, 1.4444 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 49.3530, 1.3050, 1.4444 by changing the saturation by 10% instead.

■ 49.3530, 1.3050,
1.4444

■ 49.3530, 1.3050,
1.4444

255.0000, 0.0000,
0.0000

■ 28.3530, 1.3050,
1.4444

■ 95.3530, 1.3050,
1.4444

■ 2.1790, 1.8838,
2.4740

■ 120.3530, 1.3050,
1.4444

■ 0.0000, 0.0000,
0.0000

■ 145.7660, 1.5944,
1.9592

■ 172.4670, 1.7418,
1.3444

■ 199.7660, 1.5944,
1.9592

■ 227.7660, 1.5944,

1.9592

■ 49.3530, 1.3050,
1.4444

■ 49.3530, 1.3050,
1.4444

■ 46.1190, 2.8993,
3.4036

■ 52.5870, -0.2894,
-0.5148

■ 42.5860, 4.6411,
4.7481

■ 56.1200, -2.0312,
-1.8592

■ 38.7650, 6.5249,
7.2221

■ 59.9410, -3.9149,
-4.3333

■ 35.5310, 8.1192,
9.1813

■ 63.1750, -5.5093,
-6.2925

■ 32.2970, 9.7136,
11.1405

■ 66.4090, -7.1036,
-8.2517

■ 28.7640, 11.4553,
12.4850

■ 69.9420, -8.8454,
-9.5961

■ 25.5300, 13.0497,
14.4442

■ 73.1760, -10.4398,
-11.5554

■ 21.7090, 14.9335,
16.9182

■ 76.9970, -12.3235,
-14.0294

■ 18.1760, 16.6752,
18.2626

■ 80.5300, -14.0653,
-15.3738

Harmonies

Analogous

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



49.1570, 1.8946, -1.0147



49.3530, 1.3050, 1.4444



49.7230, 0.1366, 2.8739

Triad

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



49.3530, 1.3050, 1.4444



48.8540, -1.9000, 2.7590



48.2060, 0.8844, -3.6887

Complementary

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



49.3530, 1.3050, 1.4444



50.6470, -1.3050, -1.4444

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.



48.2770, -0.1366, -2.8739



49.3530, 1.3050, 1.4444



48.5440, -1.7472, 0.3999

Square

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



49.3530, 1.3050, 1.4444



49.2670, -1.6106, 3.2738



48.6470, -1.3050, -1.4444



48.4340, 1.7580, -3.8886

Rectangle

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



49.3530, 1.3050, 1.4444



49.2070, -0.5951, 4.2035



48.6470, -1.3050, -1.4444



48.0920, 0.4476, -3.5887

Sweetspot

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



49.3530, 1.3050, 1.4444



67.8260, 0.5788, 1.0296



49.0430, 1.4578, -0.9147



35.4130, 0.2894, 0.5148



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.



49.3530, 1.3050, 1.4444



64.8800, 2.0312, 1.8592



49.5380, 0.7208, 2.1592



23.9400, 1.0156, 0.9296



30.1790, 28.9988, 32.2920



73.4750, 70.7578, 78.5134

Inverse Universe

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



49.3100, -0.1528, 2.3591



64.9080, -0.4476, 3.5887



50.4620, -0.7208, -2.1592



24.0110, -0.0054, 1.7444



29.1190, -3.5097, 52.5156



71.0390, -8.4002, 128.0078

Previews

White Background



This preview shows how the YUV color 49.3530, 1.3050, 1.4444 looks on a white background.

Color Contrast Check

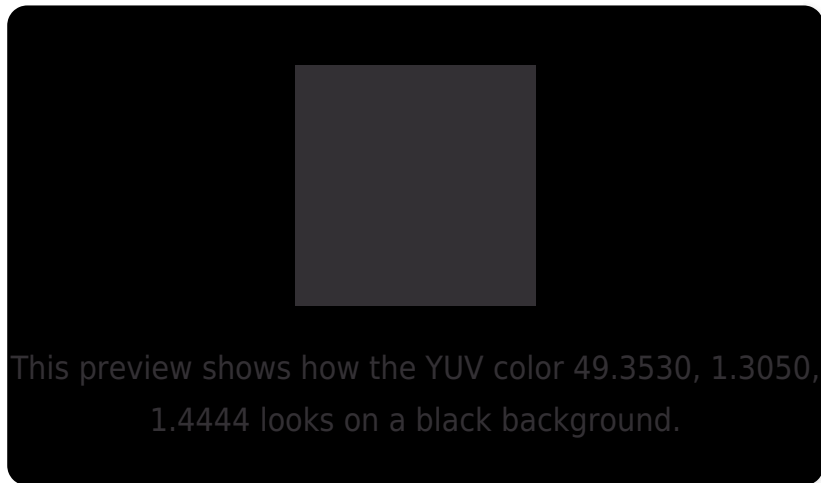
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3530, 1.3050, 1.4444

Background



This preview shows how black text looks on a background with the YUV color 49.3530, 1.3050, 1.4444.



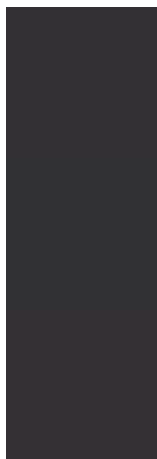
This preview shows how white text looks on a background with the YUV color 49.3530, 1.3050,

1.4444.

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

49.3530, 1.3050, 1.4444

Protanopia

49.3420, 1.3104, -0.2999

Deuteranopia

49.6520, 1.1576, 2.0592



Tritanopia

49.3530, 1.3050, 1.4444

Trichromacy



Original Color

49.3530, 1.3050, 1.4444

Protanomaly

49.6410, 1.1630, 0.3148

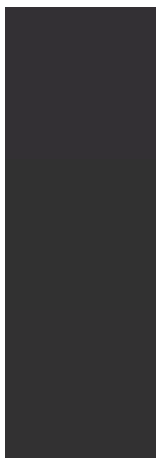
Deuteranomaly

49.6520, 1.1576, 2.0592

Tritanomaly

49.3530, 1.3050, 1.4444

Monochromacy



Original Color

49.3530, 1.3050, 1.4444

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.4130, 0.2894, 0.5148

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3530, 1.3050, 1.4444 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, 48, 52)` looks like.

```
.text, #text, p{  
    color:rgb(51, 48, 52)  
}
```

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, 48, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 48, 52) }
```

Border

The CSS property to change the border of an element to YUV 49.3530, 1.3050, 1.4444 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, 48, 52) }
```


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

```
.border{ border-color:rgb(51, 48, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 48, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 48, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 48, 52);  
box-shadow:4px 4px 4px 4px rgb(51, 48, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3530, 1.3050, 1.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 48, 52) }
```

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

```
.background{ background-color: rgb(51, 48,  
52) }
```

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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