

Converting Colors

YUV(48.1360, 0.4260, 3.3887)

Have a look what the booklet for
YUV(48.1360, 0.4260, 3.3887)
contains.

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Color

**YUV(48.1360, 0.4260,
3.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	342E31
RGB	52, 46, 49
RGB Percent	20%, 18%, 19%
CMY	0.7961, 0.8196, 0.8078
CMYK	0.00, 0.12, 0.06, 0.80
HSL	330°, 6%, 19%
HSV	330°, 12%, 20%
XYZ	2.9475, 2.9058, 3.3113
YIQ	48.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

Format	Color
R_{YB}	52, 46, 49
Decimal	3419697
CIE _{Lab}	19.66, 3.37, -0.94
CIE _{LCh}	20, 3.499, 344.416
Yxy	2.9058, 0.3216, 0.3171
Android (android.graphics.Color)	4281609777 (0xFF342E31)
YUV	48.1360, 0.4260, 3.3887
Hunter-Lab	17.0464, 1.0337, 0.4155

Details

The YUV color **48.1360, 0.4260, 3.3887** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.8640, -0.4260, -3.3887**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1360, 0.4260, 3.3887**, and **1.6090, -0.3002, 2.9739** is the 20% darker color. If you saturate the color by 10%, you get **44.8590, 0.5625, 6.2627**, and if you desaturate by 10%, it is **51.4130, 0.2894, 0.5148**.

Distribution



Red (20%)

Green (18%)

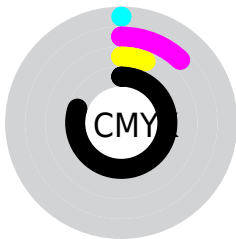
Blue (19%)



Red (20%)

Yellow (18%)

Blue (19%)

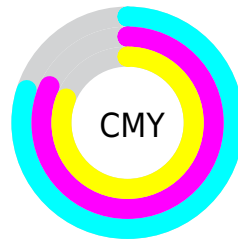


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1360, 0.4260, 3.3887 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 48.1360, 0.4260, 3.3887 by changing the saturation by 10% instead.

■ 48.1360, 0.4260,
3.3887

■ 48.1360, 0.4260,
3.3887

■ 255.0000, 0.0000,
0.0000

■ 27.1360, 0.4260,
3.3887

■ 94.1360, 0.4260,
3.3887

■ 1.6090, -0.3002,
2.9739

■ 118.5490, 0.7153,
3.9035

■ 0.0000, 0.0000,
0.0000

■ 144.4350, 0.2785,
4.0035

■ 170.8480, 0.5679,
4.5183

■ 197.8480, 0.5679,
4.5183

■ 225.8480, 0.5679,

4.5183

253.2390, 0.8682,
1.5444

■ 48.1360, 0.4260,
3.3887

■ 48.1360, 0.4260,
3.3887

■ 44.8590, 0.5625,
6.2627

■ 51.4130, 0.2894,
0.5148

■ 41.6960, 1.1359,
9.0366

■ 54.5760, -0.2840,
-2.2592

■ 37.8320, 1.5618,
12.4253

■ 58.4400, -0.7099,
-5.6479

■ 34.6690, 2.1352,
15.1993

■ 61.6030, -1.2833,
-8.4218

■ 31.3920, 2.2717,
18.0732

■ 64.8800, -1.4198,
-11.2958

■ 28.1150, 2.4083,
20.9471

■ 68.1570, -1.5564,
-14.1697

■ 24.9520, 2.9817,
23.7211

■ 71.3200, -2.1298,
-16.9436

■ 21.0880, 3.4076,
27.1098

■ 75.1840, -2.5557,
-20.3324

■ 18.5120, 3.6916,
29.3690

■ 78.3470, -3.1291,
-23.1063

Harmonies

Analogous

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



48.3530, 1.3050, 1.4444



48.1360, 0.4260, 3.3887



48.0930, -1.0318, 4.3034

Triad

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



48.1360, 0.4260, 3.3887



47.4300, -2.1840, 0.4999



47.1350, 1.9054, -4.5034

Complementary

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



48.1360, 0.4260, 3.3887



49.8640, -0.4260, -3.3887

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.



46.6080, 1.1793, -4.9182



48.1360, 0.4260, 3.3887



47.2340, -1.5944, -1.9592

Square

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



48.1360, 0.4260, 3.3887



47.7400, -2.3368, 2.8590



46.8640, -0.4260, -3.3887



47.2600, 2.3368, -2.8590

Rectangle

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



48.1360, 0.4260, 3.3887



47.9790, -1.4686, 4.4034



46.8640, -0.4260, -3.3887



46.7220, 1.6161, -5.0182

Sweetspot

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



48.1360, 0.4260, 3.3887



67.7120, 0.1420, 1.1296



47.5810, 2.1786, 1.2445



34.7120, 0.1420, 1.1296



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.



48.1360, 0.4260, 3.3887



62.5600, 0.7099, 5.6479



47.7940, -0.8844, 3.6887



24.0110, -0.0054, 1.7444



31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Inverse Universe

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



48.1360, 0.4260, 3.3887



62.5600, 0.7099, 5.6479



50.2060, 0.8844, -3.6887



24.0110, -0.0054, 1.7444



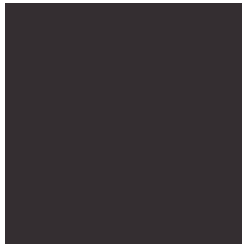
31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Previews

White Background



This preview shows how the YUV color 48.1360, 0.4260, 3.3887 looks on a white background.

Color Contrast Check

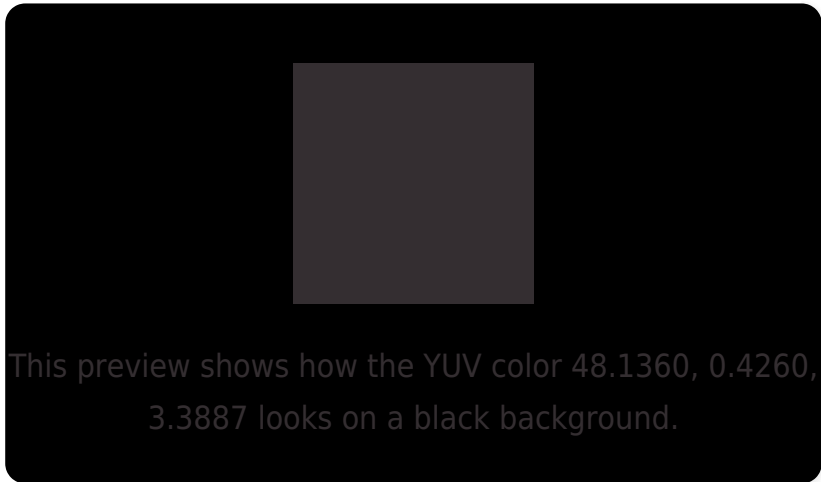
Large Text (above 18pt) WCAG AA ✓ Pass

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

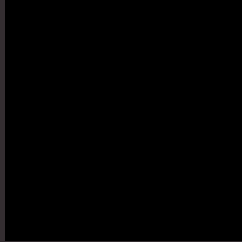
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1360, 0.4260, 3.3887

Background



This preview shows how black text looks on a background with the YUV color 48.1360, 0.4260, 3.3887.

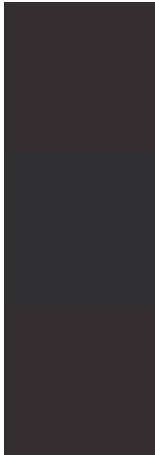


This preview shows how white text looks on a background with the YUV color 48.1360, 0.4260,

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

48.1360, 0.4260, 3.3887

Protanopia

47.6410, 1.1630, 0.3148

Deuteranopia

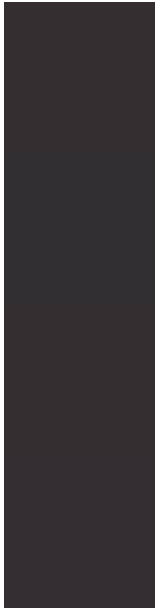
48.1360, 0.4260, 3.3887



Tritanopia

48.2500, 0.8628, 3.2887

Trichromacy



Original Color

48.1360, 0.4260, 3.3887

Protanomaly

47.9400, 1.0156, 0.9296

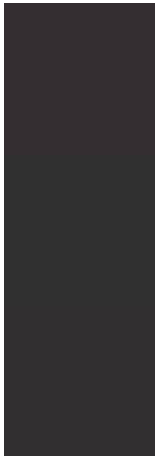
Deuteranomaly

48.1360, 0.4260, 3.3887

Tritanomaly

48.2500, 0.8628, 3.2887

Monochromacy



Original Color

48.1360, 0.4260, 3.3887

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.7120, 0.1420, 1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1360, 0.4260, 3.3887 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(52, 46, 49)` looks like.

```
.text, #text, p{  
  color:rgb(52, 46, 49)  
}
```

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(52, 46, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 49) }
```

Border

The CSS property to change the border of an element to YUV 48.1360, 0.4260, 3.3887 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(52, 46, 49) }
```


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

```
.border{ border-color:rgb(52, 46, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 46, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 49);  
box-shadow:4px 4px 4px 4px rgb(52, 46, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.1360, 0.4260, 3.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 49) }
```

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

```
.background{ background-color: rgb(52, 46,  
49) }
```

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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