

Converting Colors

YUV(50.4260, -6.1260, 4.8884)

Have a look what the booklet for
YUV(50.4260, -6.1260, 4.8884)
contains.

YUV(50.4260, -6.1260, 4.8884)	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(50.4260, -6.1260,
4.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	383226
RGB	56, 50, 38
RGB Percent	22%, 20%, 15%
CMY	0.7804, 0.8039, 0.8510
CMYK	0.00, 0.11, 0.32, 0.78
HSL	40°, 19%, 18%
HSV	40°, 32%, 22%
XYZ	3.1213, 3.2619, 2.2988
YIQ	50.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

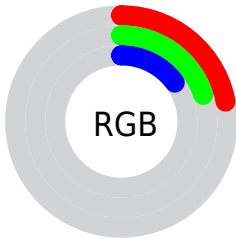
Format	Color
RYB	47, 56, 38
Decimal	3682854
CIELab	21.06, 0.36, 8.63
CIELCh	21, 8.633, 87.610
Yxy	3.2619, 0.3595, 0.3757
Android (android.graphics.Color)	4281872934 (0xFF383226)
YUV	50.4260, -6.1260, 4.8884
Hunter-Lab	18.0607, -0.7570, 5.0959

Details

The YUV color **50.4260, -6.1260, 4.8884** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.5740, 6.1260, -4.8884**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6110, -6.7102, 5.6032**, and **3.8540, -1.9000, 2.7590** is the 20% darker color. If you saturate the color by 10%, you get **48.5680, -8.1680, 6.5179**, and if you desaturate by 10%, it is **52.2840, -4.0840, 3.2589**.

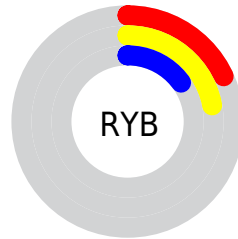
Distribution



Red (22%)

Green (20%)

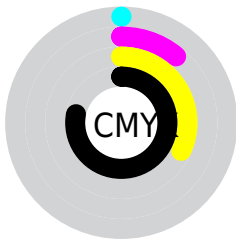
Blue (15%)



Red (18%)

Yellow (22%)

Blue (15%)

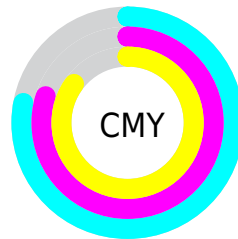


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4260, -6.1260, 4.8884 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 50.4260, -6.1260, 4.8884 by changing the saturation by 10% instead.

■ 50.4260, -6.1260,
4.8884

■ 50.4260, -6.1260,
4.8884

255.0000, 0.0000,
0.0000

■ 29.1270, -5.9786,
4.2736

■ 96.6110, -6.7102,
5.6032

■ 3.8540, -1.9000,
2.7590

■ 121.4970, -7.1470,
5.7031

■ 0.0000, 0.0000,
0.0000

■ 147.3830, -7.5838,
5.8031

■ 173.6820, -7.7312,
6.4179

■ 200.9810, -7.8786,
7.0327

■ 229.5680, -8.1680,

6.5179

■ 253.4040, -6.1152,
1.3997

■ 50.4260, -6.1260,
4.8884

■ 50.4260, -6.1260,
4.8884

■ 48.5680, -8.1680,
6.5179

■ 52.2840, -4.0840,
3.2589

■ 46.8240, -9.7732,
8.0474

■ 54.0280, -2.4788,
1.7294

■ 44.9660, -11.8152,
9.6768

■ 55.8860, -0.4368,
0.1000

■ 43.8090, -13.7098,
10.6915

■ 57.0430, 1.4578,
-0.9147

■ 41.9510, -15.7518,
12.3210

■ 58.9010, 3.4998,
-2.5442

■ 40.0930, -17.7938,
13.9504

■ 60.7590, 5.5418,
-4.1736

■ 38.4630, -18.9623,
15.3799

■ 62.5030, 7.1470,
-5.7031

■ 64.3610, 9.1890,
-7.3326

■ 66.1050, 10.7942,
-8.8621

Harmonies

Analogous

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



50.9750, -5.4107, 8.7919



50.4260, -6.1260, 4.8884



49.6210, -5.2362, -0.5446

Triad

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



50.4260, -6.1260, 4.8884



47.9490, 3.9691, -13.1103



51.5430, 3.1833, 5.6628

Complementary

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



50.4260, -6.1260, 4.8884



43.5740, 6.1260, -4.8884

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.



51.0800, 5.3836, -0.0702



50.4260, -6.1260, 4.8884



48.8290, 6.0003, -11.2510

Square

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



50.4260, -6.1260, 4.8884



48.1620, 0.9061, -10.6661



49.9760, 6.4208, -6.1180



51.6530, -0.3219, 9.9513

Rectangle

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



50.4260, -6.1260, 4.8884



49.0550, -3.4781, -4.4332



49.9760, 6.4208, -6.1180



51.6460, 3.6255, 3.8185

Sweetspot

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



50.4260, -6.1260, 4.8884



71.4410, -2.1894, 2.2442



44.0660, -0.0325, 10.4661



36.9570, -1.4578, 0.9147



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



50.4260, -6.1260, 4.8884



64.8240, -9.7732, 8.0474



53.0510, -7.4201, -0.0447



27.0710, -1.0210, 0.8147



63.3150, -31.2143, 25.1567



151.1830, -74.5332, 59.4755

Inverse Universe

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



43.5740, 6.1260, -4.8884



54.1760, 9.7732, -8.0474



40.9490, 7.4201, 0.0447



25.9290, 1.0210, -0.8147



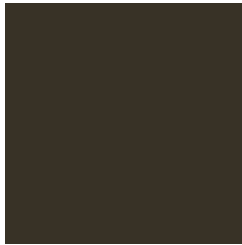
28.6850, 31.2143, -25.1567



67.8170, 74.5332, -59.4755

Previews

White Background



This preview shows how the YUV color 50.4260, -6.1260, 4.8884 looks on a white background.

Color Contrast Check

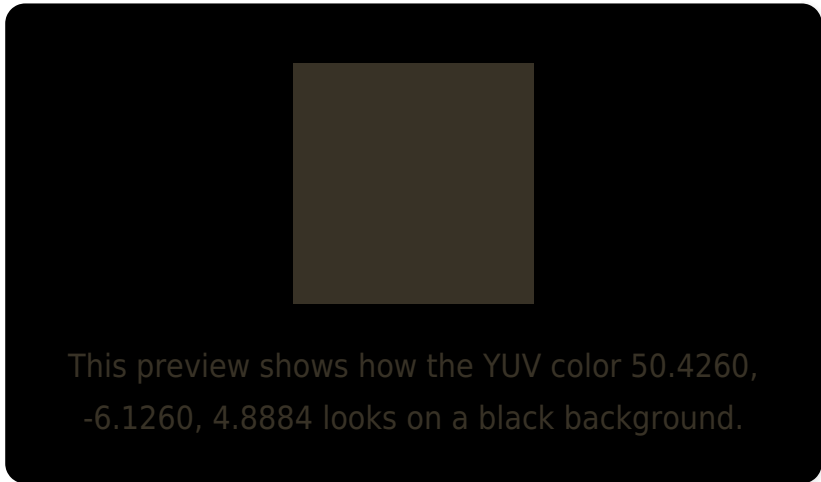
Large Text (above 18pt) WCAG AA ✓ Pass

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

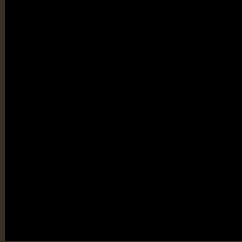
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4260, -6.1260, 4.8884

Background



This preview shows how black text looks on a background with the YUV color 50.4260, -6.1260, 4.8884.



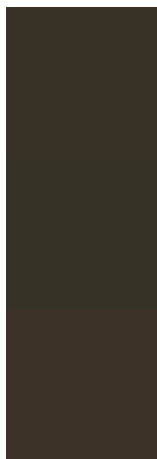
This preview shows how white text looks on a background with the YUV color 50.4260, -6.1260,

4.8884.

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

50.4260, -6.1260, 4.8884

Protanopia

50.4150, -6.1206, 3.1440

Deuteranopia

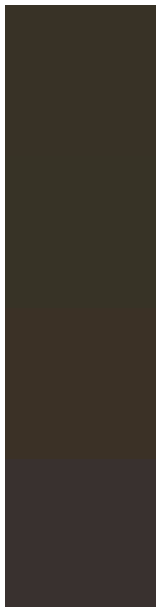
51.0350, -6.4263, 7.8623



Tritanopia

51.4460, 0.2731, 5.7479

Trichromacy



Original Color

50.4260, -6.1260, 4.8884

Protanomaly

50.7140, -6.2680, 3.7588

Deuteranomaly

50.7360, -6.2788, 7.2475

Tritanomaly

51.1640, -2.0529, 5.1182

Monochromacy



Original Color

50.4260, -6.1260, 4.8884

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4260, -6.1260, 4.8884 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(56, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(56, 50, 38)  
}
```

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(56, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 50, 38) }
```

Border

The CSS property to change the border of an element to YUV 50.4260, -6.1260, 4.8884 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(56, 50, 38) }
```


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

```
.border{ border-color:rgb(56, 50, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 50, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(56, 50, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4260, -6.1260, 4.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 50, 38) }
```

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

```
.background{ background-color: rgb(56, 50,  
38) }
```

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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