

Converting Colors

YUV(83.0920, 0.4476, -3.5887)

Have a look what the booklet for
YUV(83.0920, 0.4476, -3.5887)
contains.

YUV(83.0920, 0.4476, -3.5887)	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(83.0920, 0.4476,
-3.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5554
RGB	79, 85, 84
RGB Percent	31%, 33%, 33%
CMY	0.6902, 0.6667, 0.6706
CMYK	0.07, 0.00, 0.01, 0.67
HSL	170°, 4%, 32%
HSV	170°, 7%, 33%
XYZ	8.0732, 8.7994, 9.6604
YIQ	83.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

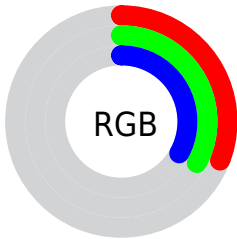
Format	Color
R_{YB}	79, 82, 85
Decimal	5199188
CIE Lab	35.60, -2.60, -0.25
CIE LCh	36, 2.615, 185.380
Yxy	8.7994, 0.3043, 0.3316
Android (android.graphics.Color)	4283389268 (0xFF4F5554)
YUV	83.0920, 0.4476, -3.5887
Hunter-Lab	29.6637, -3.3315, 1.4559

Details

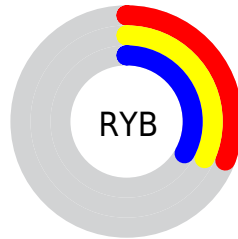
The YUV color **83.0920, 0.4476, -3.5887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80.9080, -0.4476, 3.5887**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6790, 0.1583, -4.1035**, and **38.3910, 0.3002, -2.9739** is the 20% darker color. If you saturate the color by 10%, you get **80.2870, 1.3375, -9.0217**, and if you desaturate by 10%, it is **85.5980, -0.2948, 1.2296**.

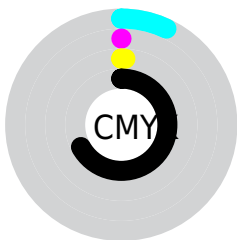
Distribution



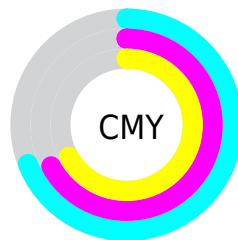
- Red (31%)
- Green (33%)
- Blue (33%)



- Red (31%)
- Yellow (32%)
- Blue (33%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (67%)



- Cyan (69%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0920, 0.4476, -3.5887 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 83.0920, 0.4476, -3.5887 by changing the saturation by 10% instead.

■ 83.0920, 0.4476,
-3.5887

■ 83.0920, 0.4476,
-3.5887

255.0000, 0.0000,
0.0000

■ 60.0920, 0.4476,
-3.5887

■ 132.6790, 0.1583,
-4.1035

■ 38.3910, 0.3002,
-2.9739

■ 158.7930, 0.5951,
-4.2035

■ 17.7930, 0.5951,
-4.2035

■ 185.7930, 0.5951,
-4.2035

■ 0.0000, 0.0000,
0.0000

■ 212.7930, 0.5951,
-4.2035

■ 241.7930, 0.5951,
-4.2035

■ 83.0920, 0.4476,
-3.5887

■ 83.0920, 0.4476,
-3.5887

■ 80.2870, 1.3375,
-9.0217

■ 85.5980, -0.2948,
1.2296

■ 77.6670, 1.6432,
-13.7400

■ 88.5170, -0.7479,
6.5626

■ 74.8620, 2.5330,
-19.1730

■ 91.0230, -1.4903,
11.3808

■ 72.2420, 2.8387,
-23.8912

■ 93.9420, -1.9434,
16.7139

■ 69.7360, 3.5812,
-28.7095

■ 96.4480, -2.6859,
21.5321

■ 66.9310, 4.4710,
-34.1425

■ 99.2530, -3.5757,
26.9651

■ 64.3110, 4.7767,
-38.8607

■ 101.8730, -3.8814,
31.6834

■ 61.5060, 5.6665,

■ 104.6780, -4.7713,

-44.2938

37.1164

■ 58.8860, 5.9722,
-49.0120

■ 107.2980, -5.0769,
41.8347

Harmonies

Analogous

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



83.1630, -0.5734, -2.7740



83.0920, 0.4476, -3.5887



83.3200, 1.3212, -3.7886

Triad

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



83.0920, 0.4476, -3.5887



84.0540, 1.4524, 0.8296



83.8540, -1.9000, 2.7590

Complementary

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



83.0920, 0.4476, -3.5887



80.9080, -0.4476, 3.5887

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.



84.2670, -1.6106, 3.2738



83.0920, 0.4476, -3.5887



84.4240, 0.2840, 2.2592

Square

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



83.0920, 0.4476, -3.5887



83.8580, 2.0420, -1.6295



83.9080, -0.4476, 3.5887



83.8430, -1.8946, 1.0147

Rectangle

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



83.0920, 0.4476, -3.5887



83.4340, 1.7580, -3.8886



83.9080, -0.4476, 3.5887



84.1530, -2.0474, 3.3738

Sweetspot

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



83.0920, 0.4476, -3.5887



108.9890, 0.0054, -1.7444



82.8210, -1.8838, -2.4740



55.7010, 0.1474, -0.6148



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



83.0920, 0.4476, -3.5887



107.0810, 0.4531, -5.3330



82.0320, 1.4632, -2.6591



41.8040, 0.5896, -2.4591



72.9550, 7.9102, -63.9815



160.2890, 17.6055, -140.5735

Inverse Universe

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



80.9080, -0.4476, 3.5887



103.8050, -0.8899, 5.4330



81.9680, -1.4632, 2.6591



40.3100, -0.1528, 2.3591



34.0450, -7.9102, 63.9815



74.7110, -17.6055, 140.5735

Previews

White Background



This preview shows how the YUV color 83.0920, 0.4476, -3.5887 looks on a white background.

Color Contrast Check

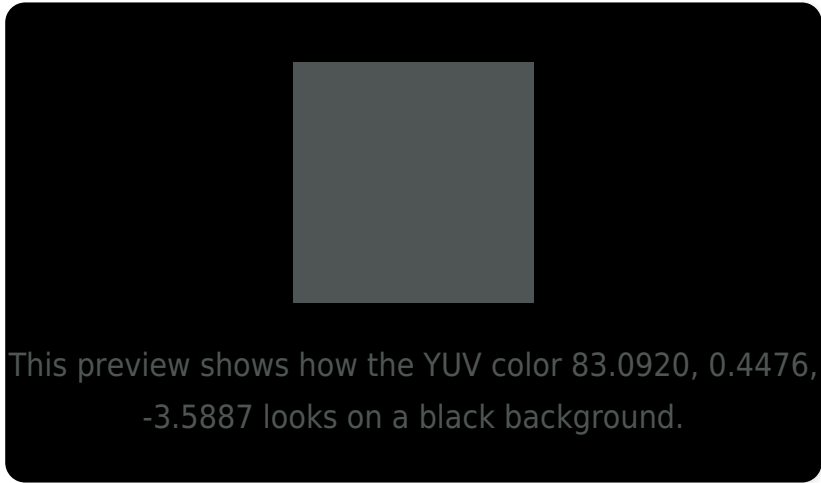
Large Text (above 18pt) WCAG AA ✓ Pass

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

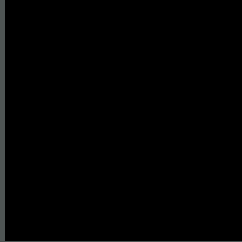
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0920, 0.4476, -3.5887

Background



This preview shows how black text looks on a background with the YUV color 83.0920, 0.4476, -3.5887.



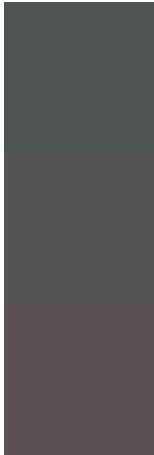
This preview shows how white text looks on a background with the YUV color 83.0920, 0.4476, -3.5887.

-3.5887.

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

83.0920, 0.4476, -3.5887

Protanopia

83.5980, -0.2948, 1.2296

Deuteranopia

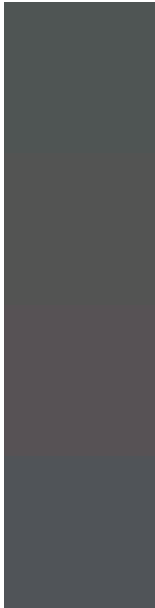
84.4460, 0.2731, 5.7479



Tritanopia

83.6020, 3.6472, -3.1590

Trichromacy



Original Color

83.0920, 0.4476, -3.5887

Protanomaly

83.5870, -0.2894, -0.5148

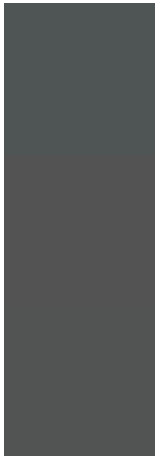
Deuteranomaly

83.8370, 0.5734, 2.7740

Tritanomaly

83.2600, 2.3368, -2.8590

Monochromacy



Original Color

83.0920, 0.4476, -3.5887

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0920, 0.4476, -3.5887 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(79, 85, 84)` looks like.

```
.text, #text, p{  
    color:rgb(79, 85, 84)  
}
```

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(79, 85, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 85, 84) }
```

Border

The CSS property to change the border of an element to YUV 83.0920, 0.4476, -3.5887 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(79, 85, 84) }
```


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

```
.border{ border-color:rgb(79, 85, 84) }
```

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

Here you see how a box with a 4 pixel rgb(79, 85, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 85, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 85, 84);  
box-shadow:4px 4px 4px 4px rgb(79, 85, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.0920, 0.4476, -3.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 85, 84) }
```

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

```
.background{ background-color: rgb(79, 85,  
84) }
```

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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