

Converting Colors

YUV(40.8870, -1.9163, 7.9921)

Have a look what the booklet for
YUV(40.8870, -1.9163, 7.9921)
contains.

YUV(40.8870, -1.9163, 7.9921)	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(40.8870, -1.9163,
7.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	322525
RGB	50, 37, 37
RGB Percent	20%, 15%, 15%
CMY	0.8039, 0.8549, 0.8549
CMYK	0.00, 0.26, 0.26, 0.80
HSL	0°, 15%, 17%
HSV	0°, 26%, 20%
XYZ	2.3109, 2.1348, 2.0405
YIQ	40.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

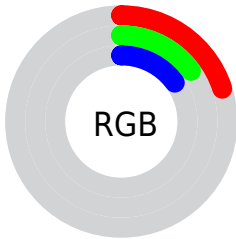
Format	Color
R_YB	50, 37, 37
Decimal	3286309
CIE Lab	16.18, 6.15, 2.36
CIE LCh	16, 6.582, 20.991
Yxy	2.1348, 0.3563, 0.3291
Android (android.graphics.Color)	4281476389 (0xFF322525)
YUV	40.8870, -1.9163, 7.9921
Hunter-Lab	14.6110, 2.6624, 1.9475

Details

The YUV color **40.8870, -1.9163, 7.9921** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.1130, 1.9163, -7.9921**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4850, -2.2111, 9.2217**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3820, -2.6533, 11.0660**, and if you desaturate by 10%, it is **44.3920, -1.1793, 4.9182**.

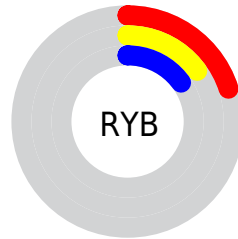
Distribution



Red (20%)

Green (15%)

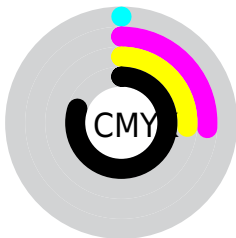
Blue (15%)



Red (20%)

Yellow (15%)

Blue (15%)

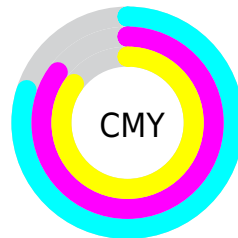


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8870, -1.9163, 7.9921 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 40.8870, -1.9163, 7.9921 by changing the saturation by 10% instead.

■ 40.8870, -1.9163,
7.9921

■ 40.8870, -1.9163,
7.9921

■ 255.0000, 0.0000,
0.0000

■ 19.8870, -1.9163,
7.9921

■ 86.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 110.4850, -2.2111,
9.2217

■ 135.7840, -2.3585,
9.8364

■ 162.0830, -2.5059,
10.4512

■ 189.0830, -2.5059,
10.4512

■ 217.2680, -3.0901,

11.1660

244.4850, -2.2111,
9.2217

40.8870, -1.9163,
7.9921

40.8870, -1.9163,
7.9921

37.3820, -2.6533,
11.0660

44.3920, -1.1793,
4.9182

33.8770, -3.3904,
14.1399

47.8970, -0.4422,
1.8443

30.3720, -4.1274,
17.2138

51.4020, 0.2948,
-1.2296

26.8670, -4.8644,
20.2876

54.9070, 1.0318,
-4.3034

23.3620, -5.6015,
23.3615

58.4120, 1.7689,
-7.3773

■ 19.8570, -6.3385,
26.4354

■ 61.9170, 2.5059,
-10.4512

■ 16.3520, -7.0755,
29.5093

■ 65.4220, 3.2430,
-13.5251

■ 14.9500, -7.3703,
30.7388

■ 68.9270, 3.9800,
-16.5990

■ 72.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



41.1580, 0.4151, 6.8774



40.8870, -1.9163, 7.9921



40.7190, -3.8055, 7.2624

Triad

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



40.8870, -1.9163, 7.9921



38.9950, -2.4625, -3.5036



39.5200, 4.6736, -5.7180

Complementary

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



40.8870, -1.9163, 7.9921



46.1130, 1.9163, -7.9921

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.



38.6830, 4.1003, -8.4920



40.8870, -1.9163, 7.9921



38.6570, 0.1691, -7.5922

Square

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



40.8870, -1.9163, 7.9921



39.5610, -4.2206, 0.3850



38.5150, 2.2111, -9.2217



40.1400, 4.3680, -0.9998

Rectangle

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



40.8870, -1.9163, 7.9921



40.4800, -4.6736, 5.7180



38.5150, 2.2111, -9.2217



38.9220, 4.9685, -6.9476

Sweetspot

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



40.8870, -1.9163, 7.9921



60.4950, -0.7370, 3.0739



42.3690, 3.7621, 6.6924



30.8970, -0.4422, 1.8443



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



40.8870, -1.9163, 7.9921



49.9800, -2.9481, 12.2955



44.9960, -3.9420, 4.3885



23.8970, -0.4422, 1.8443



26.6110, -13.1192, 54.7152



64.8830, -31.9873, 133.4066

Inverse Universe

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



46.1130, 1.9163, -7.9921



58.0200, 2.9481, -12.2955



42.5910, 3.6526, -4.9033



25.1030, 0.4422, -1.8443



62.3890, 13.1192, -54.7152



152.1170, 31.9873, -133.4066

Previews

White Background



This preview shows how the YUV color 40.8870, -1.9163, 7.9921 looks on a white background.

Color Contrast Check

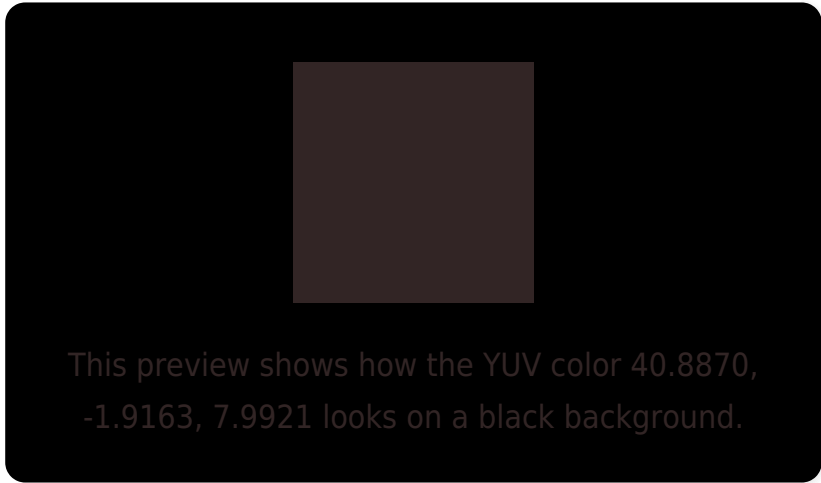
Large Text (above 18pt) WCAG AA ✓ Pass

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

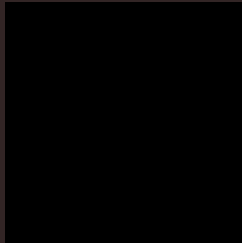
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.8870, -1.9163, 7.9921

Background



This preview shows how black text looks on a background with the YUV color 40.8870, -1.9163, 7.9921.

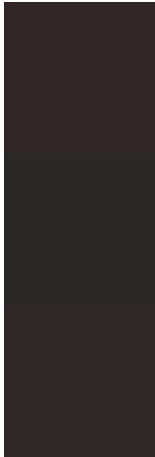


This preview shows how white text looks on a background with the YUV color 40.8870, -1.9163,

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

40.8870, -1.9163, 7.9921

Protanopia

40.1850, -0.5842, 0.7148

Deuteranopia

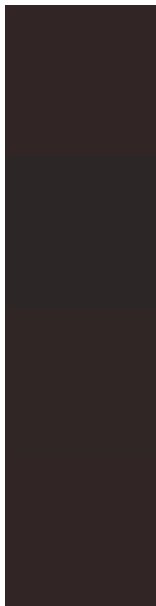
40.8650, -1.9054, 4.5034



Tritanopia

41.1150, -1.0427, 7.7921

Trichromacy



Original Color

40.8870, -1.9163, 7.9921

Protanomaly

40.3810, -1.1738, 3.1739

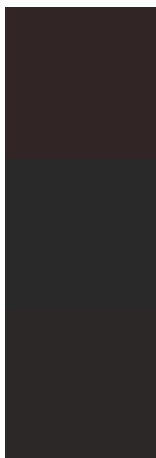
Deuteranomaly

40.5770, -1.7635, 5.6330

Tritanomaly

41.0010, -1.4795, 7.8921

Monochromacy



Original Color

40.8870, -1.9163, 7.9921

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8870, -1.9163, 7.9921 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(50, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(50, 37, 37)  
}
```

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(50, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 37, 37) }
```

Border

The CSS property to change the border of an element to YUV 40.8870, -1.9163, 7.9921 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(50, 37, 37) }
```


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

```
.border{ border-color:rgb(50, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(50, 37, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.8870, -1.9163, 7.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 37, 37) }
```

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

```
.background{ background-color: rgb(50, 37,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor