

Converting Colors

YUV(86.3870, -23.8548, -2.0934)

Have a look what the booklet for
YUV(86.3870, -23.8548, -2.0934)
contains.

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Color

**YUV(86.3870, -23.8548,
-2.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	546126
RGB	84, 97, 38
RGB Percent	33%, 38%, 15%
CMY	0.6706, 0.6196, 0.8510
CMYK	0.13, 0.00, 0.61, 0.62
HSL	73°, 44%, 26%
HSV	73°, 61%, 38%
XYZ	8.2807, 10.5741, 3.4383
YIQ	86.3870, 11.1910, -21.1050

Conversions

Conversions Part 2

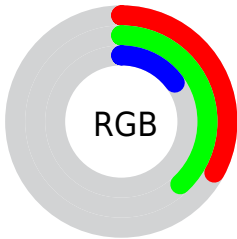
Format	Color
R_{YB}	38, 97, 51
Decimal	5529894
CIE Lab	38.85, -14.78, 31.36
CIE LCh	39, 34.669, 115.239
Yxy	10.5741, 0.3714, 0.4743
Android (android.graphics.Color)	4283719974 (0xFF546126)
YUV	86.3870, -23.8548, -2.0934
Hunter-Lab	32.5179, -11.4512, 16.4935

Details

The YUV color **86.3870, -23.8548, -2.0934** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.6130, 23.8548, 2.0934**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9310, -25.6020, -1.6935**, and **41.2990, -20.3604, -2.8932** is the 20% darker color. If you saturate the color by 10%, you get **84.6490, -27.9280, -2.3232**, and if you desaturate by 10%, it is **88.1250, -19.7816, -1.8636**.

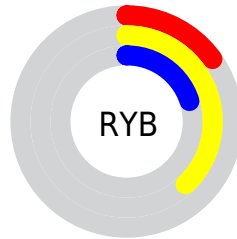
Distribution



 Red (33%)

 Green (38%)

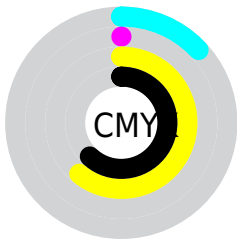
 Blue (15%)




 Red (15%)

 Yellow (38%)

 Blue (20%)

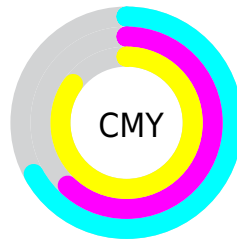



 Cyan (13%)

 Magenta (0%)

 Yellow (61%)

 Black (62%)



 Cyan (67%)

 Magenta (62%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3870, -23.8548, -2.0934 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 86.3870, -23.8548, -2.0934 by changing the saturation by 10% instead.

■ 86.3870, -23.8548,
-2.0934

■ 86.3870, -23.8548,
-2.0934

■ 255.0000, 0.0000,
0.0000

■ 62.5010, -23.4180,
-2.1934

■ 136.9310,
-25.6020, -1.6935

■ 41.2990, -20.3604,
-2.8932

■ 163.1160,
-26.1862, -0.9787

■ 20.8990, -10.3032,
-8.6814

■ 190.5890,
-26.9124, -1.3936

■ 0.0000, 0.0000,
0.0000

■ 218.4750,
-27.3492, -1.2936

■ 244.8990,
-27.0652, 0.9656

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

86.3870, -23.8548,
-2.0934

86.3870, -23.8548,
-2.0934

84.6490, -27.9280,
-2.3232

88.1250, -19.7816,
-1.8636

83.0250, -31.5643,
-2.6529

89.7490, -16.1453,
-1.5339

81.2870, -35.6375,
-2.8827

91.4870, -12.0721,
-1.3041

79.6630, -39.2739,
-3.2125

93.5240, -8.1463,
-0.4595

95.2620, -4.0732,
-0.2298

■ 96.8860, -0.4368,
0.1000

■ 98.6240, 3.6364,
0.3298

■ 100.3620, 7.7095,
0.5595

■ 101.9860, 11.3459,
0.8893

Harmonies

Analogous

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



88.9060, -27.5617, 20.2534



86.3870, -23.8548, -2.0934



81.7240, -11.6959, -28.6989

Triad

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



86.3870, -23.8548, -2.0934



75.4920, 30.3234, -66.2065



93.1330, 1.9064, 41.9794

Complementary

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



86.3870, -23.8548, -2.0934



48.6130, 23.8548, 2.0934

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.



94.6390, 14.4750, 23.9956



86.3870, -23.8548, -2.0934



77.8940, 34.0693, -54.2810

Square

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



86.3870, -23.8548, -2.0934



74.7450, 19.8457, -65.5514



92.3840, 24.4607, -5.5988



91.1260, -10.9081, 45.4935

Rectangle

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



86.3870, -23.8548, -2.0934



70.8970, 2.5158, -60.4227



92.3840, 24.4607, -5.5988



93.3650, 6.7221, 37.3909

Sweetspot

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



86.3870, -23.8548, -2.0934



120.8830, -9.3093, -0.7744



63.2720, -12.4591, 29.5795



61.5070, -5.6730, -0.4446



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



86.3870, -23.8548, -2.0934



108.6460, -36.8005, -3.1975



77.7160, -19.5800, -19.9219



47.2450, -1.5998, -0.2149



91.7570, -45.2362, -4.1719



196.7930, -97.0189, -8.5885

Inverse Universe

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



48.6130, 23.8548, 2.0934



50.3540, 36.8005, 3.1975



57.2840, 19.5800, 19.9219



44.7550, 1.5998, 0.2149



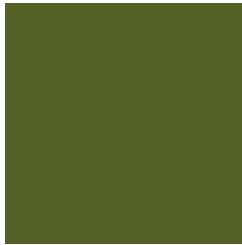
20.2430, 45.2362, 4.1719



43.2070, 97.0189, 8.5885

Previews

White Background



This preview shows how the YUV color 86.3870, -23.8548, -2.0934 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 × Fail

Black Background



This preview shows how the YUV color 86.3870, -23.8548, -2.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

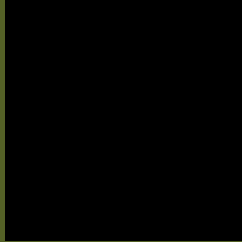
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3870, -23.8548, -2.0934

Background



This preview shows how black text looks on a background with the YUV color 86.3870, -23.8548, -2.0934.



This preview shows how white text looks on a background with the YUV color 86.3870, -23.8548,

-2.0934.

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

86.3870, -23.8548, -2.0934

Protanopia

88.6060, -25.9348, 11.7465

Deuteranopia

89.5300, -23.9253, 20.5832



Tritanopia

91.7980, 3.0576, -0.6998

Trichromacy



Original Color

86.3870, -23.8548, -2.0934

Protanomaly

87.8010, -25.0449, 6.3135

Deuteranomaly

88.4750, -23.8982, 11.8614

Tritanomaly

89.5670, -6.6885, -1.3743

Monochromacy



Original Color

86.3870, -23.8548, -2.0934

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1110, -8.4357, -0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3870, -23.8548, -2.0934 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(84, 97, 38)` looks like.

```
.text, #text, p{  
    color:rgb(84, 97, 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(84, 97, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 97, 38) }
```

Border

The CSS property to change the border of an element to YUV 86.3870, -23.8548, -2.0934 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(84, 97, 38) }
```


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

```
.border{ border-color:rgb(84, 97, 38) }
```

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

Here you see how a box with a 4 pixel rgb(84, 97, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 97, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 97, 38);  
box-shadow:4px 4px 4px 4px rgb(84, 97, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.3870, -23.8548, -2.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 97, 38) }
```

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

```
.background{ background-color: rgb(84, 97,  
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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