

Converting Colors

YUV(82.3750, 24.4651,
-53.8259)

Have a look what the booklet for
YUV(82.3750, 24.4651, -53.8259)
contains.

YUV(82.3750, 24.4651, -53.8259)	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(82.3750, 24.4651,
-53.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	156884
RGB	21, 104, 132
RGB Percent	8%, 41%, 52%
CMY	0.9176, 0.5922, 0.4824
CMYK	0.84, 0.21, 0.00, 0.48
HSL	195°, 73%, 30%
HSV	195°, 84%, 52%
XYZ	9.4244, 11.7260, 23.5964
YIQ	82.3750, -58.4560, -8.8880

Conversions

Conversions Part 2

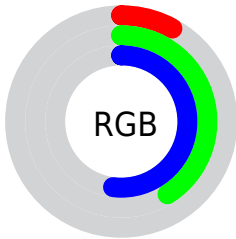
Format	Color
R_{YB}	21, 68, 132
Decimal	1403012
CIE _{Lab}	40.78, -13.31, -22.24
CIE _{LCh}	41, 25.916, 239.110
Yxy	11.7260, 0.2106, 0.2621
Android (android.graphics.Color)	4279593092 (0xFF156884)
YUV	82.3750, 24.4651, -53.8259
Hunter-Lab	34.2432, -10.7989, -16.8854

Details

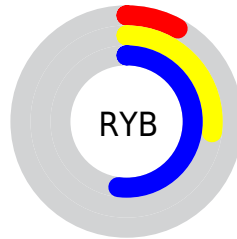
The YUV color **82.3750, 24.4651, -53.8259** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **70.6250, -24.4651, 53.8259**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7890, 23.2750, -45.4190**, and **42.8070, 19.3221, -37.5417** is the 20% darker color. If you saturate the color by 10%, you get **76.7270, 27.2496, -60.2736**, and if you desaturate by 10%, it is **88.0230, 21.6807, -47.3782**.

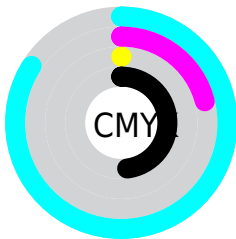
Distribution



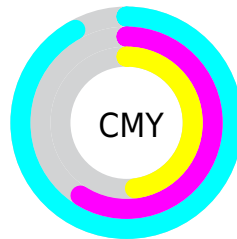
- Red (8%)
- Green (41%)
- Blue (52%)



- Red (8%)
- Yellow (27%)
- Blue (52%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3750, 24.4651, -53.8259 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 82.3750, 24.4651, -53.8259 by changing the saturation by 10% instead.

82.3750, 24.4651,
-53.8259

82.3750, 24.4651,
-53.8259

255.0000, 0.0000,
0.0000

59.1580, 23.5861,
-51.8816

137.7890, 23.2750,
-45.4190

42.8070, 19.3221,
-37.5417

165.2020, 23.5644,
-44.9042

27.2710, 15.6424,
-23.9167

193.2020, 23.5644,
-44.9042

9.0280, 14.2832,
-7.9176

219.9050, 17.3018,
-42.8897

2.2970, 6.2626,
-2.0145

238.2560, 8.2548,
-34.4275

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 82.3750, 24.4651,
-53.8259

■ 82.3750, 24.4651,
-53.8259

■ 76.7270, 27.2496,
-60.2736

■ 88.0230, 21.6807,
-47.3782

■ 73.1610, 29.0076,
-64.1622

■ 94.2580, 18.6068,
-41.4453

■ 100.2050, 15.6749,
-34.3828

■ 105.8530, 12.8905,
-27.9351

■ 112.0880, 9.8166,
-22.0022

■ 117.7360, 7.0322,
-15.5545

■ 123.3840, 4.2477,
-9.1068

■ 129.9180, 1.0264,
-2.5591

■ 135.5660, -1.7580,
3.8886

Harmonies

Analogous

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



76.0330, 19.7037, -66.6809



82.3750, 24.4651, -53.8259



92.0950, 22.6312, -25.5163

Triad

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



82.3750, 24.4651, -53.8259



98.4970, -0.2450, 32.0131



92.5100, -17.0134, -3.0783

Complementary

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



82.3750, 24.4651, -53.8259



70.6250, -24.4651, 53.8259

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.



94.6970, -20.5566, 13.4207



82.3750, 24.4651, -53.8259



97.2880, -10.0020, 34.8274

Square

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



82.3750, 24.4651, -53.8259



98.6510, 9.5391, 20.4771



95.8820, -17.6898, 27.2905



88.9080, -7.3496, -22.7213

Rectangle

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



82.3750, 24.4651, -53.8259



96.6950, 19.3774, -8.5025



95.8820, -17.6898, 27.2905



93.0870, -18.7769, 2.5547

Sweetspot

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



82.3750, 24.4651, -53.8259



151.6860, 9.5218, -20.7726



89.3490, -19.8921, -59.9421



75.1170, 5.8583, -12.3806



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



82.3750, 24.4651, -53.8259



94.6300, 37.6504, -82.9905



50.0900, 40.3816, -25.5119



63.6190, 1.1738, -3.1739



71.7590, 28.7128, -62.9326



1.5160, 0.7316, -1.3295

Inverse Universe

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



63.6510, 19.8921, 59.9421



65.7210, 30.7035, 92.3297



102.9100, -40.3816, 25.5119



62.3640, 1.2995, 3.1888



49.9280, 23.2065, 70.2231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 82.3750, 24.4651, -53.8259 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 82.3750, 24.4651, -53.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

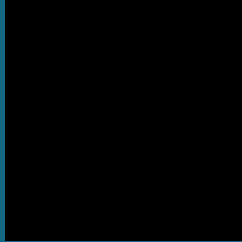
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3750, 24.4651, -53.8259

Background



This preview shows how black text looks on a background with the YUV color 82.3750, 24.4651, -53.8259.



This preview shows how white text looks on a background with the YUV color 82.3750, 24.4651,

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

82.3750, 24.4651, -53.8259

Protanopia

96.3270, 14.1358, -7.3028

Deuteranopia

95.8580, 18.8040, -11.2765



Tritanopia

75.9190, 19.2669, -66.5810

Trichromacy



Original Color

82.3750, 24.4651, -53.8259

Protanomaly

91.2540, 18.1158, -23.9018

Deuteranomaly

90.6280, 20.8894, -26.8608

Tritanomaly

78.4080, 20.9979, -61.7478

Monochromacy



Original Color

82.3750, 24.4651, -53.8259

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1700, 8.7902, -19.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3750, 24.4651, -53.8259 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(21, 104, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 104, 132)  
}
```

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(21, 104, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 104, 132) }
```

Border

The CSS property to change the border of an element to YUV 82.3750, 24.4651, -53.8259 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(21, 104, 132) }
```


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

```
.border{ border-color:rgb(21, 104, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 104, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 104, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 104, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 104,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 82.3750, 24.4651, -53.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 104, 132) }
```

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

```
.background{ background-color: rgb(21, 104,  
132) }
```

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