

Converting Colors

YUV(82.3690, 30.3841,
-38.9116)

Have a look what the booklet for
YUV(82.3690, 30.3841, -38.9116)
contains.

YUV(82.3690, 30.3841, -38.9116)	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(82.3690, 30.3841,
-38.9116)**

Conversions

Conversions Part 1

Format	Color
Hex	265D90
RGB	38, 93, 144
RGB Percent	15%, 36%, 56%
CMY	0.8510, 0.6353, 0.4353
CMYK	0.74, 0.35, 0.00, 0.44
HSL	209°, 58%, 36%
HSV	209°, 74%, 56%
XYZ	9.7477, 10.2544, 27.8511
YIQ	82.3690, -49.1510, 4.2010

Conversions

Conversions Part 2

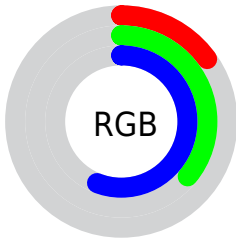
Format	Color
R_{YB}	38, 74, 144
Decimal	2514320
CIE _{Lab}	38.30, 0.01, -33.34
CIE _{LCh}	38, 33.345, 270.017
Yxy	10.2544, 0.2037, 0.2143
Android (android.graphics.Color)	4280704400 (0xFF265D90)
YUV	82.3690, 30.3841, -38.9116
Hunter-Lab	32.0225, -1.7035, -29.1509

Details

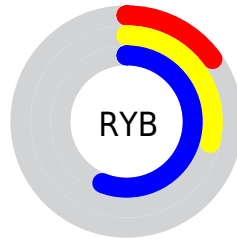
The YUV color **82.3690, 30.3841, -38.9116** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99.6310, -30.3841, 38.9116**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5160, 30.8046, -33.7785**, and **38.7780, 26.7314, -34.0083** is the 20% darker color. If you saturate the color by 10%, you get **74.0740, 34.4735, -43.9149**, and if you desaturate by 10%, it is **90.6640, 26.2946, -33.9083**.

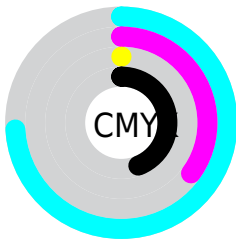
Distribution



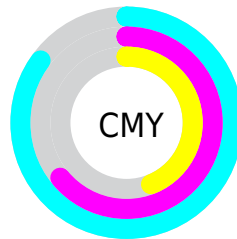
- Red (15%)
- Green (36%)
- Blue (56%)



- Red (15%)
- Yellow (29%)
- Blue (56%)



- Cyan (74%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3690, 30.3841, -38.9116 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 82.3690, 30.3841, -38.9116 by changing the saturation by 10% instead.

■ 82.3690, 30.3841,
-38.9116

■ 82.3690, 30.3841,
-38.9116

■ 255.0000, 0.0000,
0.0000

■ 54.5420, 31.2848,
-47.8333

■ 135.5160, 30.8046,
-33.7785

■ 38.7780, 26.7314,
-34.0083

■ 162.3420, 31.3834,
-32.7489

■ 23.7150, 22.3255,
-20.7981

■ 190.4560, 31.8202,
-32.8489

■ 7.7060, 19.3719,
-6.7582

■ 214.6770, 19.8792,
-29.5347

■ 3.4370, 10.6306,
-3.0142

■ 240.3710, 7.2121,
-26.6354

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 82.3690, 30.3841,
-38.9116

■ 82.3690, 30.3841,
-38.9116

■ 74.0740, 34.4735,
-43.9149

■ 90.6640, 26.2946,
-33.9083

■ 65.4800, 38.7104,
-49.5330

■ 99.2580, 22.0578,
-28.2903

■ 60.4410, 41.1946,
-53.0068

■ 107.5530, 17.9684,
-23.2870

■ 116.1470, 13.7315,
-17.6689

■ 124.4420, 9.6421,
-12.6656

■ 132.7370, 5.5527,
-7.6623

■ 140.7440, 1.6052,
-1.5295

■ 149.0390, -2.4842,
3.4738

■ 157.6330, -6.7211,
9.0919

Harmonies

Analogous

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



74.2040, 30.4654, -65.0769



82.3690, 30.3841, -38.9116



91.8470, 22.2604, 0.1342

Triad

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



82.3690, 30.3841, -38.9116



90.0610, -12.3551, 42.9195



79.2120, -8.4855, -31.7579

Complementary

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



82.3690, 30.3841, -38.9116



99.6310, -30.3841, 38.9116

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.



84.3480, -21.3706, -5.5672



82.3690, 30.3841, -38.9116



89.3620, -22.3635, 33.0085

Square

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



82.3690, 30.3841, -38.9116



91.2640, -0.1302, 41.8645



87.8130, -26.5298, 15.9500



71.1940, 8.7784, -62.4371

Rectangle

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



82.3690, 30.3841, -38.9116



93.2470, 15.6542, 19.0774



87.8130, -26.5298, 15.9500



81.6000, -13.6068, -22.4512

Sweetspot

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



82.3690, 30.3841, -38.9116



162.0010, 11.8315, -14.9099



105.8080, -9.2723, -59.4676



80.3670, 6.7211, -9.0919



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



82.3690, 30.3841, -38.9116



90.5910, 47.0366, -60.1543



52.4320, 45.1430, -12.6569



67.1460, 1.9000, -2.7590



56.4800, 38.7104, -49.5330



3.2600, 2.3368, -2.8590

Inverse Universe

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



75.9640, 8.3987, 59.6676



80.7260, 12.9531, 92.3253



129.5680, -45.1430, 12.6569



66.5490, 0.7153, 3.9035



48.3450, 10.6759, 75.9964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 82.3690, 30.3841, -38.9116 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 82.3690, 30.3841, -38.9116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

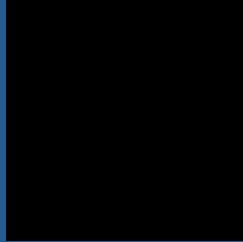
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3690, 30.3841, -38.9116

Background



This preview shows how black text looks on a background with the YUV color 82.3690, 30.3841, -38.9116.



This preview shows how white text looks on a background with the YUV color 82.3690, 30.3841,

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

82.3690, 30.3841, -38.9116

Protanopia

88.8450, 25.2194, -15.6501

Deuteranopia

86.4030, 28.8883, -25.7864



Tritanopia

71.0120, 18.2351, -62.2775

Trichromacy



Original Color

82.3690, 30.3841, -38.9116

Protanomaly

86.5450, 26.8463, -24.1570

Deuteranomaly

84.8970, 29.6308, -30.6047

Tritanomaly

74.9190, 22.7179, -53.4260

Monochromacy



Original Color

82.3690, 30.3841, -38.9116

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3690, 30.3841, -38.9116 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(38, 93, 144)` looks like.

```
.text, #text, p{  
    color:rgb(38, 93, 144)  
}
```

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(38, 93, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 93, 144) }
```

Border

The CSS property to change the border of an element to YUV 82.3690, 30.3841, -38.9116 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(38, 93, 144) }
```


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

```
.border{ border-color:rgb(38, 93, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 93, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 93, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 93, 144);  
box-shadow:4px 4px 4px 4px rgb(38, 93,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 82.3690, 30.3841, -38.9116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 93, 144) }
```

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

```
.background{ background-color: rgb(38, 93,  
144) }
```

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