

Converting Colors

YUV(83.7690, 3.5649, -23.4764)

Have a look what the booklet for
YUV(83.7690, 3.5649, -23.4764)
contains.

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Color

**YUV(83.7690, 3.5649,
-23.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	39605B
RGB	57, 96, 91
RGB Percent	22%, 38%, 36%
CMY	0.7765, 0.6235, 0.6431
CMYK	0.41, 0.00, 0.05, 0.62
HSL	172°, 25%, 30%
HSV	172°, 41%, 38%
XYZ	7.7585, 9.9909, 11.4171
YIQ	83.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

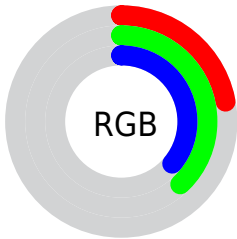
Format	Color
RYB	57, 78, 96
Decimal	3760219
CIELab	37.83, -15.11, -1.51
CIELCh	38, 15.189, 185.694
Yxy	9.9909, 0.2660, 0.3425
Android (android.graphics.Color)	4281950299 (0xFF39605B)
YUV	83.7690, 3.5649, -23.4764
Hunter-Lab	31.6084, -11.5005, 0.7102

Details

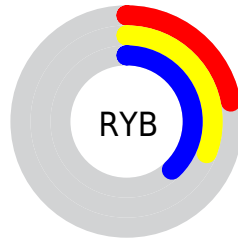
The YUV color **83.7690, 3.5649, -23.4764** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.2310, -3.5649, 23.4764**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0570, 3.4229, -24.6060**, and **36.2850, 4.2965, -24.8059** is the 20% darker color. If you saturate the color by 10%, you get **80.6650, 4.6022, -29.5242**, and if you desaturate by 10%, it is **86.8730, 2.5276, -17.4286**.

Distribution



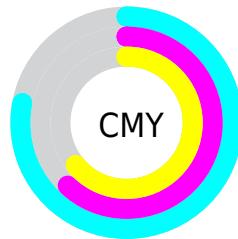
- Red (22%)
- Green (38%)
- Blue (36%)



- Red (22%)
- Yellow (31%)
- Blue (38%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (62%)



- Cyan (78%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7690, 3.5649, -23.4764 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 83.7690, 3.5649, -23.4764 by changing the saturation by 10% instead.

83.7690, 3.5649,
-23.4764

83.7690, 3.5649,
-23.4764

255.0000, 0.0000,
0.0000

59.8830, 4.0017,
-23.5764

134.0570, 3.4229,
-24.6060

36.2850, 4.2965,
-24.8059

160.0570, 3.4229,
-24.6060

19.8730, 2.5276,
-17.4286

187.7580, 3.5703,
-25.2208

0.0000, 0.0000,
0.0000

215.4590, 3.7177,
-25.8355

242.2850, 4.2965,
-24.8059

251.4120, 1.7689,

-7.3773

■ 83.7690, 3.5649,
-23.4764

■ 83.7690, 3.5649,
-23.4764

■ 80.6650, 4.6022,
-29.5242

■ 86.8730, 2.5276,
-17.4286

■ 77.8600, 5.4920,
-34.9572

■ 89.6780, 1.6377,
-11.9956

■ 74.6420, 6.0925,
-40.9050

■ 92.8960, 1.0373,
-6.0478

■ 71.8370, 6.9824,
-46.3380

■ 95.7010, 0.1474,
-0.6148

■ 68.7330, 8.0196,
-52.3858

■ 98.8050, -0.8899,
5.4330

■ 65.9280, 8.9095,
-57.8189

■ 101.9090, -1.9271,
11.4808

■ 104.8280, -2.3802,
16.8138

■ 107.9320, -3.4175,
22.8616

■ 110.7370, -4.3073,
28.2947

Harmonies

Analogous

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



85.1030, -3.0088, -14.9993



83.7690, 3.5649, -23.4764



83.6530, 9.5381, -26.0057

Triad

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



83.7690, 3.5649, -23.4764



90.4270, 9.1565, 3.1335



89.5260, -11.1053, 15.3247

Complementary

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



83.7690, 3.5649, -23.4764



69.2310, -3.5649, 23.4764

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.



89.8840, -7.3378, 20.2727



83.7690, 3.5649, -23.4764



91.4130, 3.7404, 13.6698

Square

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



83.7690, 3.5649, -23.4764



88.1480, 12.2520, -9.7768



90.6650, -1.8068, 19.5878



88.3570, -11.5150, 6.7029

Rectangle

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



83.7690, 3.5649, -23.4764



84.9460, 11.8586, -23.6316



90.6650, -1.8068, 19.5878



89.7650, -10.2371, 16.8691

Sweetspot

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



83.7690, 3.5649, -23.4764



120.2870, 1.3375, -9.0217



81.3880, -12.0233, -17.0033



61.1950, 0.8899, -5.4330



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.



83.7690, 3.5649, -23.4764



105.8490, 5.4974, -36.7016



76.1210, 9.8003, -16.7691



46.8040, 0.5896, -2.4591



76.9160, 10.3944, -67.4553



164.7060, 21.8369, -144.4472

Inverse Universe

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



69.2310, -3.5649, 23.4764



83.1510, -5.4974, 36.7016



76.8790, -9.8003, 16.7691



45.1960, -0.5896, 2.4591



35.0840, -10.3944, 67.4553



75.2940, -21.8369, 144.4472

Previews

White Background



This preview shows how the YUV color 83.7690, 3.5649, -23.4764 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



This preview shows how the YUV color 83.7690, 3.5649, -23.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

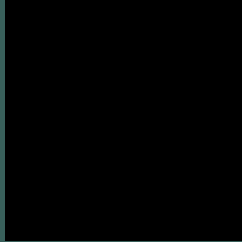
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7690, 3.5649, -23.4764

Background



This preview shows how black text looks on a background with the YUV color 83.7690, 3.5649, -23.4764.



This preview shows how white text looks on a background with the YUV color 83.7690, 3.5649, -23.4764.

-23.4764.

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

83.7690, 3.5649, -23.4764

Protanopia

88.7830, -0.8790, 1.9443

Deuteranopia

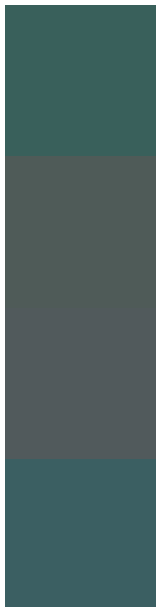
89.4890, 1.7309, 4.8331



Tritanopia

84.7460, 8.5062, -21.7022

Trichromacy



Original Color

83.7690, 3.5649, -23.4764

Protanomaly

87.0700, 0.4585, -7.0774

Deuteranomaly

87.5370, 2.2003, -5.7329

Tritanomaly

84.5780, 6.6170, -22.4319

Monochromacy



Original Color

83.7690, 3.5649, -23.4764

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7690, 3.5649, -23.4764 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(57, 96, 91)` looks like.

```
.text, #text, p{  
    color:rgb(57, 96, 91)  
}
```

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(57, 96, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 96, 91) }
```

Border

The CSS property to change the border of an element to YUV 83.7690, 3.5649, -23.4764 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(57, 96, 91) }
```


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

```
.border{ border-color:rgb(57, 96, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 96, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 96, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 96, 91);  
box-shadow:4px 4px 4px 4px rgb(57, 96, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.7690, 3.5649, -23.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 96, 91) }
```

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

```
.background{ background-color: rgb(57, 96,  
91) }
```

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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