

Converting Colors

YUV(137.7690, 3.5649,
-23.4764)

Have a look what the booklet for
YUV(137.7690, 3.5649, -23.4764)
contains.

YUV(137.7690, 3.5649, -23.4764)	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(137.7690, 3.5649,
-23.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9691
RGB	111, 150, 145
RGB Percent	44%, 59%, 57%
CMY	0.5647, 0.4118, 0.4314
CMYK	0.26, 0.00, 0.03, 0.41
HSL	172°, 16%, 51%
HSV	172°, 26%, 59%
XYZ	22.5727, 27.2365, 30.8555
YIQ	137.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

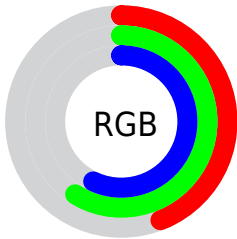
Format	Color
RYB	111, 132, 150
Decimal	7313041
CIELab	59.19, -14.47, -1.72
CIELCh	59, 14.572, 186.798
Yxy	27.2365, 0.2798, 0.3377
Android (android.graphics.Color)	4285503121 (0xFF6F9691)
YUV	137.7690, 3.5649, -23.4764
Hunter-Lab	52.1886, -14.1250, 1.4780

Details

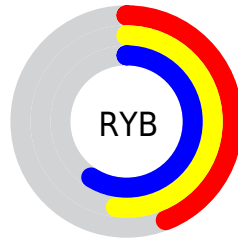
The YUV color $137.7690, 3.5649, -23.4764$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $123.2310, -3.5649, 23.4764$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.4700, 3.7123, -24.0912$, and $87.4810, 3.7069, -22.3468$ is the 20% darker color. If you saturate the color by 10%, you get $133.0560, 4.9024, -32.4981$, and if you desaturate by 10%, it is $142.4820, 2.2274, -14.4547$.

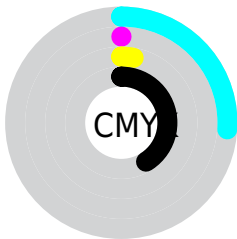
Distribution



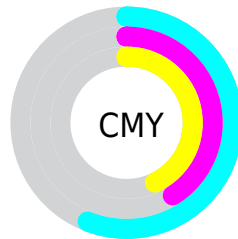
- Red (44%)
- Green (59%)
- Blue (57%)



- Red (44%)
- Yellow (52%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7690, 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 137.7690, 3.5649, -23.4764 by changing the saturation by 10% instead.

■ 137.7690, 3.5649,
-23.4764

■ 137.7690, 3.5649,
-23.4764

■ 255.0000, 0.0000,
0.0000

■ 112.0680, 3.4175,
-22.8616

■ 191.4700, 3.7123,
-24.0912

■ 87.4810, 3.7069,
-22.3468

■ 219.1710, 3.8597,
-24.7060

■ 63.4810, 3.7069,
-22.3468

■ 244.2360, 5.3067,
-22.1320

■ 40.2960, 4.2911,
-23.0616

■ 252.9070, 1.0318,
-4.3034

■ 21.3890, 3.2592,
-18.7582

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 137.7690, 3.5649,
-23.4764

■ 137.7690, 3.5649,
-23.4764

■ 133.0560, 4.9024,
-32.4981

■ 142.4820, 2.2274,
-14.4547

■ 128.3430, 6.2399,
-41.5198

■ 147.1950, 0.8899,
-5.4330

■ 123.6300, 7.5774,
-50.5415

■ 151.9080, -0.4476,
3.5887

■ 118.9170, 8.9149,
-59.5632

■ 156.6210, -1.7852,
12.6104

■ 114.2040, 10.2524,
-68.5849

■ 161.3340, -3.1227,
21.6321

■ 109.4910, 11.5899,
-77.6066

■ 166.0470, -4.4602,
30.6538

■ 104.8920, 13.3642,
-86.7283

■ 170.6460, -6.2345,
39.7755

■ 102.9840, 13.8119,
-90.3170

■ 175.3590, -7.5720,
48.7972

■ 180.0720, -8.9095,
57.8189

Harmonies

Analogous

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



138.6900, -3.2982, -15.5141



137.7690, 3.5649, -23.4764



137.9520, 9.3907, -25.3909

Triad

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



137.7690, 3.5649, -23.4764



144.1390, 9.2985, 4.2631



143.0100, -11.8369, 16.6542

Complementary

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



137.7690, 3.5649, -23.4764



123.2310, -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.



144.3680, -8.0694, 21.6023



137.7690, 3.5649, -23.4764



145.1250, 3.8824, 14.7994

Square

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



137.7690, 3.5649, -23.4764



142.5610, 12.5414, -9.2620



145.1490, -2.5385, 20.9173



142.1290, -12.3886, 6.9029

Rectangle

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



137.7690, 3.5649, -23.4764



139.2450, 11.7112, -23.0169



145.1490, -2.5385, 20.9173



143.6620, -10.6794, 18.7134

Sweetspot

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



137.7690, 3.5649, -23.4764



188.9880, 1.4849, -9.6365



135.3880, -12.0233, -17.0033



93.8960, 1.0373, -6.0478



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



137.7690, 3.5649, -23.4764



175.1480, 5.3500, -36.0868



130.1210, 9.8003, -16.7691



71.7930, 0.5951, -4.2035



94.6860, 12.4798, -83.0396



6.8960, 1.0373, -6.0478

Inverse Universe

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



123.2310, -3.5649, 23.4764



152.7380, -5.7868, 36.1868



130.8790, -9.8003, 16.7691



69.2070, -0.5951, 4.2035



43.3140, -12.4798, 83.0396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 137.7690, 3.5649, -23.4764 looks on a white 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

Black Background



This preview shows how the YUV color 137.7690, 3.5649, -23.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

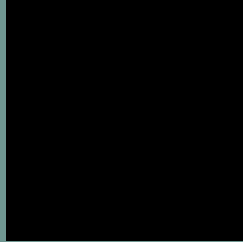
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7690, 3.5649, -23.4764

Background



This preview shows how black text looks on a background with the YUV color 137.7690, 3.5649, -23.4764.



This preview shows how white text looks on a background with the YUV color 137.7690, 3.5649,

-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

137.7690, 3.5649, -23.4764

Protanopia

142.0820, -1.0264, 2.5591

Deuteranopia

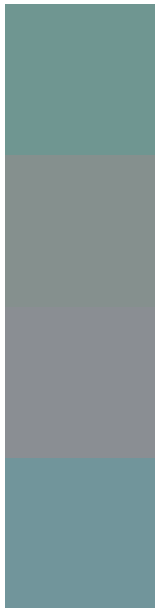
143.6250, 2.1569, 8.2219



Tritanopia

139.2020, 10.2534, -22.1022

Trichromacy



Original Color

137.7690, 3.5649, -23.4764

Protanomaly

140.4830, 0.7479, -6.5626

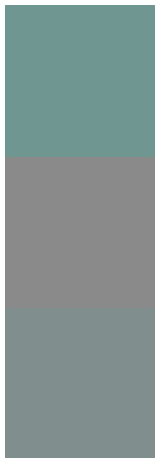
Deuteranomaly

141.3740, 2.7736, -2.9590

Tritanomaly

138.9200, 7.9274, -22.7318

Monochromacy



Original Color

137.7690, 3.5649, -23.4764

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7690, 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(111, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 150, 145)  
}
```

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(111, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 150, 145) }
```

Border

The CSS property to change the border of an element to YUV 137.7690, 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(111, 150, 145) }
```


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

```
.border{ border-color:rgb(111, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 150,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 137.7690, 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(111, 150, 145) }
```

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

```
.background{ background-color: rgb(111,  
150, 145) }
```

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