

Converting Colors

YUV(100.7690, 3.5649,
-23.4764)

Have a look what the booklet for
YUV(100.7690, 3.5649, -23.4764)
contains.

YUV(100.7690, 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(100.7690, 3.5649,
-23.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	4A716C
RGB	74, 113, 108
RGB Percent	29%, 44%, 42%
CMY	0.7098, 0.5569, 0.5765
CMYK	0.35, 0.00, 0.04, 0.56
HSL	172°, 21%, 37%
HSV	172°, 35%, 44%
XYZ	11.4359, 14.3488, 16.3542
YIQ	100.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

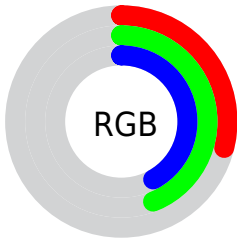
Format	Color
R_{YB}	74, 95, 113
Decimal	4878700
CIE _{Lab}	44.73, -14.92, -1.61
CIE _{LCh}	45, 15.010, 186.149
Yxy	14.3488, 0.2714, 0.3405
Android (android.graphics.Color)	4283068780 (0xFF4A716C)
YUV	100.7690, 3.5649, -23.4764
Hunter-Lab	37.8798, -12.4004, 0.9180

Details

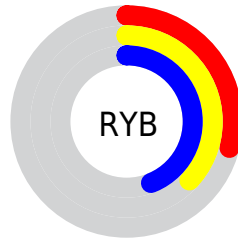
The YUV color $100.7690, 3.5649, -23.4764$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $86.2310, -3.5649, 23.4764$, and the grayscale version is $101.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $152.0570, 3.4229, -24.6060$, and $52.8830, 4.0017, -23.5764$ is the 20% darker color. If you saturate the color by 10%, you get $97.3660, 4.7496, -30.1390$, and if you desaturate by 10%, it is $104.1720, 2.3802, -16.8138$.

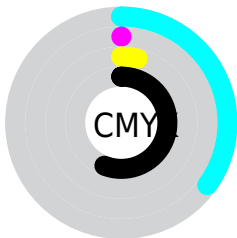
Distribution



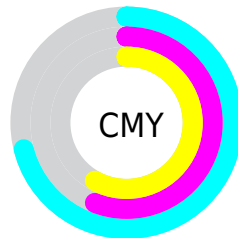
- Red (29%)
- Green (44%)
- Blue (42%)



- Red (29%)
- Yellow (37%)
- Blue (44%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7690, 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 100.7690, 3.5649, -23.4764 by changing the saturation by 10% instead.

100.7690, 3.5649,
-23.4764

100.7690, 3.5649,
-23.4764

255.0000, 0.0000,
0.0000

76.1820, 3.8543,
-22.9616

152.0570, 3.4229,
-24.6060

52.8830, 4.0017,
-23.5764

179.0570, 3.4229,
-24.6060

29.9860, 4.4439,
-25.4207

206.7580, 3.5703,
-25.2208

15.5530, 1.2064,
-13.6400

235.3450, 3.2809,
-25.7356

0.0000, 0.0000,
0.0000

248.7210, 3.0955,
-12.9103

■ 100.7690, 3.5649,
-23.4764

■ 100.7690, 3.5649,
-23.4764

■ 97.3660, 4.7496,
-30.1390

■ 104.1720, 2.3802,
-16.8138

■ 93.5500, 5.6449,
-37.3163

■ 107.9880, 1.4849,
-9.6365

■ 90.1470, 6.8295,
-43.9789

■ 111.3910, 0.3002,
-2.9739

■ 86.6300, 7.5774,
-50.5415

■ 114.9080, -0.4476,
3.5887

■ 83.2270, 8.7621,
-57.2041

■ 118.6100, -1.7797,
10.8660

■ 79.4110, 9.6574,
-64.3814

■ 122.1270, -2.5276,
17.4286

■ 77.6170, 10.5418,
-68.0701

■ 125.5300, -3.7123,
24.0912

■ 129.0470, -4.4602,

30.6538

■ 132.7490, -5.7923,
37.9311

Harmonies

Analogous

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



101.9890, -3.4456, -14.8994



100.7690, 3.5649, -23.4764



100.6530, 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.



100.7690, 3.5649, -23.4764



107.4270, 9.1565, 3.1335



106.4120, -11.5421, 15.4247

Complementary

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



100.7690, 3.5649, -23.4764



86.2310, -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.



107.1830, -7.4852, 20.8875



100.7690, 3.5649, -23.4764



107.8260, 4.0298, 14.1846

Square

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



100.7690, 3.5649, -23.4764



105.4470, 12.1046, -9.1620



107.9640, -1.9543, 20.2026



105.2430, -11.9518, 6.8029

Rectangle

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



100.7690, 3.5649, -23.4764



101.9460, 11.8586, -23.6316



107.9640, -1.9543, 20.2026



106.4770, -10.0952, 17.9987

Sweetspot

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



100.7690, 3.5649, -23.4764



143.2870, 1.3375, -9.0217



98.3880, -12.0233, -17.0033



71.1950, 0.8899, -5.4330



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.7690, 3.5649, -23.4764



128.8490, 5.4974, -36.7016



93.1210, 9.8003, -16.7691



54.0920, 0.4476, -3.5887



82.2960, 10.7001, -72.1736



169.6130, 22.8688, -148.7506

Inverse Universe

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



86.2310, -3.5649, 23.4764



106.1510, -5.4974, 36.7016



93.8790, -9.8003, 16.7691



51.9080, -0.4476, 3.5887



37.5900, -11.1369, 72.2736



77.5010, -22.4320, 148.6506

Previews

White Background



This preview shows how the YUV color 100.7690, 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 × Fail

Black Background



This preview shows how the YUV color 100.7690, 3.5649, -23.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

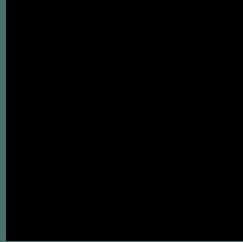
Any Text WCAG AA × Fail

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 100.7690, 3.5649, -23.4764 Background



This preview shows how black text looks on a background with the YUV color 100.7690, 3.5649, -23.4764.



This preview shows how white text looks on a background with the YUV color 100.7690, 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

100.7690, 3.5649, -23.4764

Protanopia

105.6690, -1.3158, 2.0443

Deuteranopia

106.2010, 1.8729, 5.9627



Tritanopia

101.8600, 8.9430, -21.8022

Trichromacy



Original Color

100.7690, 3.5649, -23.4764

Protanomaly

104.0700, 0.4585, -7.0774

Deuteranomaly

104.2490, 2.3422, -4.6034

Tritanomaly

101.6920, 7.0538, -22.5319

Monochromacy



Original Color

100.7690, 3.5649, -23.4764

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7690, 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(74, 113, 108)` looks like.

```
.text, #text, p{  
    color:rgb(74, 113, 108)  
}
```

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(74, 113, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 113, 108) }
```

Border

The CSS property to change the border of an element to YUV 100.7690, 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(74, 113, 108) }
```


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

```
.border{ border-color:rgb(74, 113, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 113, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 113, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 113, 108);  
box-shadow:4px 4px 4px 4px rgb(74, 113,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 100.7690, 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(74, 113, 108) }
```

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

```
.background{ background-color: rgb(74, 113,  
108) }
```

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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