

Converting Colors

YUV(101.4310, 2.7455,
-40.7200)

Have a look what the booklet for
YUV(101.4310, 2.7455, -40.7200)
contains.

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Color

**YUV(101.4310, 2.7455,
-40.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	377C6B
RGB	55, 124, 107
RGB Percent	22%, 49%, 42%
CMY	0.7843, 0.5137, 0.5804
CMYK	0.56, 0.00, 0.14, 0.51
HSL	165°, 39%, 35%
HSV	165°, 56%, 49%
XYZ	11.4370, 16.2891, 16.4512
YIQ	101.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

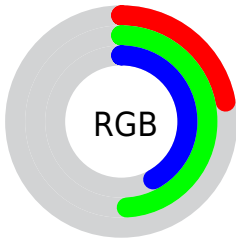
Format	Color
RYB	55, 94, 124
Decimal	3636331
CIELab	47.35, -26.22, 2.70
CIElCh	47, 26.358, 174.112
Yxy	16.2891, 0.2589, 0.3687
Android (android.graphics.Color)	4281826411 (0xFF377C6B)
YUV	101.4310, 2.7455, -40.7200
Hunter-Lab	40.3597, -20.0466, 4.0843

Details

The YUV color **101.4310, 2.7455, -40.7200** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77.5690, -2.7455, 40.7200**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2030, 1.8719, -40.5200**, and **50.8650, 4.5036, -44.6086** is the 20% darker color. If you saturate the color by 10%, you get **97.5010, 3.2040, -47.7974**, and if you desaturate by 10%, it is **105.3610, 2.2870, -33.6426**.

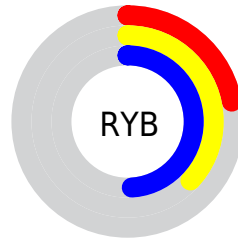
Distribution



Red (22%)

Green (49%)

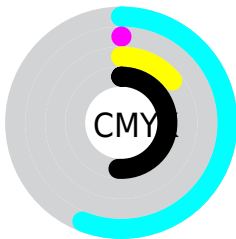
Blue (42%)



Red (22%)

Yellow (37%)

Blue (49%)

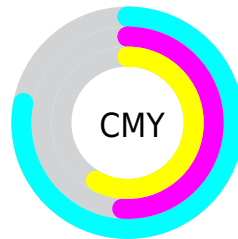


Cyan (56%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (78%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4310, 2.7455, -40.7200 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 101.4310, 2.7455, -40.7200 by changing the saturation by 10% instead.

101.4310, 2.7455,
-40.7200

101.4310, 2.7455,
-40.7200

255.0000, 0.0000,
0.0000

75.3490, 3.7719,
-43.2791

154.2030, 1.8719,
-40.5200

50.8650, 4.5036,
-44.6086

181.7900, 1.5825,
-41.0348

34.2690, 1.8394,
-30.0539

209.4910, 1.7299,
-41.6496

20.7220, -1.8349,
-18.1732

233.9690, 3.4663,
-38.5608

0.0000, 0.0000,
0.0000

244.2360, 5.3067,
-22.1320

252.9070, 1.0318,

-4.3034

■ 101.4310, 2.7455,
-40.7200

■ 101.4310, 2.7455,
-40.7200

■ 97.5010, 3.2040,
-47.7974

■ 105.3610, 2.2870,
-33.6426

■ 93.2720, 3.8099,
-55.4895

■ 109.5900, 1.6811,
-25.9504

■ 89.3420, 4.2684,
-62.5669

■ 113.5200, 1.2226,
-18.8730

■ 85.1130, 4.8743,
-70.2591

■ 117.7490, 0.6167,
-11.1809

■ 83.3900, 4.7377,
-73.1330

■ 121.6790, 0.1583,
-4.1035

■ 125.6090, -0.3002,
2.9739

■ 129.8380, -0.9061,
10.6661

■ 133.7680, -1.3646,
17.7435

■ 137.9970, -1.9705,
25.4356

Harmonies

Analogous

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



105.6480, -9.6865, -19.8623



101.4310, 2.7455, -40.7200



96.5780, 16.4770, -58.3889

Triad

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



101.4310, 2.7455, -40.7200



113.4290, 19.5085, -3.8842



112.9040, -17.7007, 30.7792

Complementary

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



101.4310, 2.7455, -40.7200



77.5690, -2.7455, 40.7200

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.



113.8260, -9.2812, 36.9866



101.4310, 2.7455, -40.7200



115.2100, 11.7285, 18.2328

Square

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



101.4310, 2.7455, -40.7200



108.0020, 23.6630, -29.8198



115.2520, 1.3548, 32.2280



110.9040, -21.1517, 17.6242

Rectangle

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



101.4310, 2.7455, -40.7200



97.3590, 22.0080, -59.0738



115.2520, 1.3548, 32.2280



113.4960, -15.5275, 33.7680

Sweetspot

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



101.4310, 2.7455, -40.7200



151.8300, 1.0698, -16.5139



100.5860, -22.4739, -25.0699



76.4610, 0.7587, -10.0513



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



101.4310, 2.7455, -40.7200



125.6300, 4.1264, -63.6965



93.3900, 15.0907, -33.6680



59.0920, 0.4476, -3.5887



84.0910, 4.8851, -73.7478



169.5840, 10.0651, -148.7252

Inverse Universe

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



77.5690, -2.7455, 40.7200



88.3700, -4.1264, 63.6965



85.6100, -15.0907, 33.6680



57.0220, -0.0108, 3.4887



40.9090, -4.8851, 73.7478



82.4160, -10.0651, 148.7252

Previews

White Background



This preview shows how the YUV color 101.4310, 2.7455, -40.7200 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 101.4310, 2.7455, -40.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

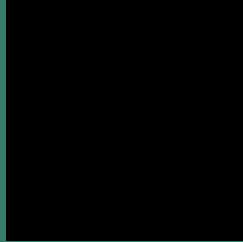
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.4310, 2.7455, -40.7200

Background



This preview shows how black text looks on a background with the YUV color 101.4310, 2.7455, -40.7200.



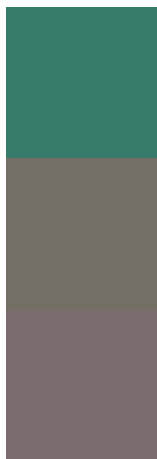
This preview shows how white text looks on a background with the YUV color 101.4310, 2.7455,

-40.7200.

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

101.4310, 2.7455, -40.7200

Protanopia

111.2410, -5.5418, 4.1736

Deuteranopia

112.7130, -1.3375, 9.0217



Tritanopia

104.6840, 12.4808, -36.5569

Trichromacy



Original Color

101.4310, 2.7455, -40.7200

Protanomaly

107.9400, -2.4354, -12.2254

Deuteranomaly

108.6460, 0.1745, -9.3365

Tritanomaly

103.4620, 9.1392, -38.1162

Monochromacy



Original Color

101.4310, 2.7455, -40.7200

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4310, 2.7455, -40.7200 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(55, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(55, 124, 107)  
}
```

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(55, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 124, 107) }
```

Border

The CSS property to change the border of an element to YUV 101.4310, 2.7455, -40.7200 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(55, 124, 107) }
```


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

```
.border{ border-color:rgb(55, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(55, 124,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 101.4310, 2.7455, -40.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 124, 107) }
```

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

```
.background{ background-color: rgb(55, 124,  
107) }
```

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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