

Converting Colors

YUV(101.5840, 37.6731,
-43.4852)

Have a look what the booklet for
YUV(101.5840, 37.6731, -43.4852)
contains.

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Color

**YUV(101.5840, 37.6731,
-43.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	3470B2
RGB	52, 112, 178
RGB Percent	20%, 44%, 70%
CMY	0.7961, 0.5608, 0.3020
CMYK	0.71, 0.37, 0.00, 0.30
HSL	211°, 55%, 45%
HSV	211°, 71%, 70%
XYZ	15.2462, 15.5328, 44.3140
YIQ	101.5840, -56.9460, 7.8060

Conversions

Conversions Part 2

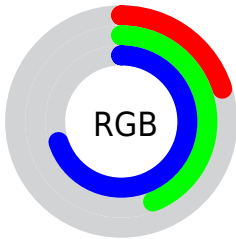
Format	Color
R_{YB}	52, 93, 178
Decimal	3436722
CIE _{Lab}	46.36, 2.90, -40.71
CIE _{LCh}	46, 40.808, 274.073
Yxy	15.5328, 0.2030, 0.2068
Android (android.graphics.Color)	4281626802 (0xFF3470B2)
YUV	101.5840, 37.6731, -43.4852
Hunter-Lab	39.4116, 0.0817, -39.0770

Details

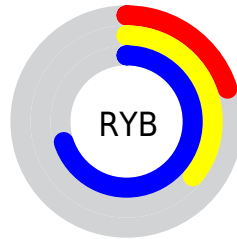
The YUV color **101.5840, 37.6731, -43.4852** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.4160, -37.6731, 43.4852**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1440, 38.3830, -37.8373**, and **52.4050, 35.7893, -45.9592** is the 20% darker color. If you saturate the color by 10%, you get **90.9190, 42.9309, -49.9180**, and if you desaturate by 10%, it is **112.2490, 32.4152, -37.0524**.

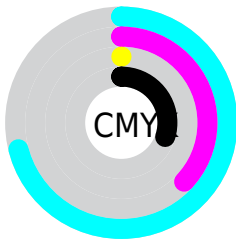
Distribution



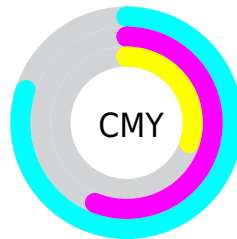
- Red (20%)
- Green (44%)
- Blue (70%)



- Red (20%)
- Yellow (36%)
- Blue (70%)



- Cyan (71%)
- Magenta (37%)
- Yellow (0%)
- Black (30%)



- Cyan (80%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5840, 37.6731, -43.4852 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 101.5840, 37.6731, -43.4852 by changing the saturation by 10% instead.

■ 101.5840, 37.6731,
-43.4852

■ 101.5840, 37.6731,
-43.4852

■ 255.0000, 0.0000,
0.0000

■ 69.1690, 40.3427,
-59.7842

■ 156.1440, 38.3830,
-37.8373

■ 52.4050, 35.7893,
-45.9592

■ 183.0580, 35.4674,
-36.0079

■ 36.5270, 30.7992,
-32.0342

■ 208.1650, 23.0897,
-32.5937

■ 22.0510, 26.1039,
-19.3387

■ 233.2720, 10.7119,
-29.1795

■ 8.2760, 21.5559,
-7.2581

■ 247.5250, 3.6852,
-15.3694

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 101.5840, 37.6731,
-43.4852

■ 101.5840, 37.6731,
-43.4852

■ 90.9190, 42.9309,
-49.9180

■ 112.2490, 32.4152,
-37.0524

■ 79.6670, 48.4782,
-55.8360

■ 123.5010, 26.8680,
-31.1344

■ 70.1870, 53.1518,
-61.5540

■ 133.8670, 21.7576,
-25.3164

■ 144.5320, 16.4997,
-18.8836

■ 155.7840, 10.9525,
-12.9656

■ 166.4490, 5.6946,
-6.5328

■ 177.1140, 0.4368,
-0.1000

■ 188.0670, -4.9630,
5.2032

■ 198.7320,
-10.2209, 11.6360

Harmonies

Analogous

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



90.5210, 39.6761, -79.3869



101.5840, 37.6731, -43.4852



112.4330, 26.9015, 4.8823

Triad

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



101.5840, 37.6731, -43.4852



109.0470, -17.7712, 53.4558



94.0420, -7.4157, -48.2718

Complementary

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



101.5840, 37.6731, -43.4852



128.4160, -37.6731, 43.4852

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.



102.1640, -25.7169, -11.5448



101.5840, 37.6731, -43.4852



108.1580, -29.6579, 39.3264

Square

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



101.5840, 37.6731, -43.4852



110.4720, -2.2047, 53.9601



106.2770, -33.6606, 16.4201



87.5450, 13.0423, -76.7770

Rectangle

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



101.5840, 37.6731, -43.4852



113.2850, 18.1005, 27.8141



106.2770, -33.6606, 16.4201



97.5940, -14.5898, -33.8469

Sweetspot

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



101.5840, 37.6731, -43.4852



202.6740, 14.4577, -17.2541



133.3720, -8.0714, -71.3632



99.5240, 8.6157, -10.1065



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



101.5840, 37.6731, -43.4852



112.6360, 58.8465, -68.0868



66.9620, 54.7417, -11.3677



83.9610, 2.4842, -3.4738



60.2930, 45.7046, -52.8770



10.0080, 7.8841, -8.7770

Inverse Universe

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



96.5140, 7.6346, 71.4632



104.6190, 12.0198, 111.7131



163.0380, -54.7417, 11.3677



83.2610, 0.8573, 5.0331



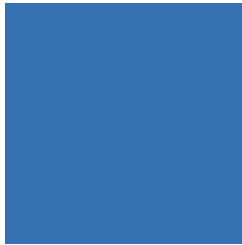
54.0690, 9.3330, 86.7625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 101.5840, 37.6731, -43.4852 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 101.5840, 37.6731, -43.4852 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 101.5840, 37.6731, -43.4852

Background



This preview shows how black text looks on a background with the YUV color 101.5840, 37.6731, -43.4852.



This preview shows how white text looks on a background with the YUV color 101.5840, 37.6731, -43.4852.

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

101.5840, 37.6731, -43.4852

Protanopia

107.7610, 32.6558, -20.8384

Deuteranopia

104.7100, 36.6250, -33.9487



Tritanopia

85.9610, 22.2042, -75.3878

Trichromacy



Original Color

101.5840, 37.6731, -43.4852

Protanomaly

105.4610, 34.2827, -29.3453

Deuteranomaly

103.8020, 37.0726, -37.5374

Tritanomaly

91.8190, 27.6972, -63.8623

Monochromacy



Original Color

101.5840, 37.6731, -43.4852

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1580, 13.7261, -15.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5840, 37.6731, -43.4852 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(52, 112, 178)` looks like.

```
.text, #text, p{  
    color:rgb(52, 112, 178)  
}
```

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(52, 112, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 112, 178) }
```

Border

The CSS property to change the border of an element to YUV 101.5840, 37.6731, -43.4852 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(52, 112, 178) }
```


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

```
.border{ border-color:rgb(52, 112, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 112, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 112, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 112, 178);  
box-shadow:4px 4px 4px 4px rgb(52, 112,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 101.5840, 37.6731, -43.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 112, 178) }
```

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

```
.background{ background-color: rgb(52, 112,  
178) }
```

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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