

Converting Colors

YUV(109.7850, 32.6440,
-63.8324)

Have a look what the booklet for
YUV(109.7850, 32.6440, -63.8324)
contains.

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Color

**YUV(109.7850, 32.6440,
-63.8324)**

Conversions

Conversions Part 1

Format	Color
Hex	2586B0
RGB	37, 134, 176
RGB Percent	15%, 53%, 69%
CMY	0.8549, 0.4745, 0.3098
CMYK	0.79, 0.24, 0.00, 0.31
HSL	198°, 65%, 42%
HSV	198°, 79%, 69%
XYZ	17.1245, 20.5781, 44.1437
YIQ	109.7850, -71.2940, -7.5020

Conversions

Conversions Part 2

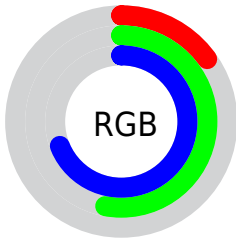
Format	Color
R_{YB}	37, 94, 176
Decimal	2459312
CIE _{Lab}	52.48, -12.79, -29.95
CIE _{LCh}	52, 32.565, 246.868
Yxy	20.5781, 0.2092, 0.2514
Android (android.graphics.Color)	4280649392 (0xFF2586B0)
YUV	109.7850, 32.6440, -63.8324
Hunter-Lab	45.3631, -12.0018, -25.9421

Details

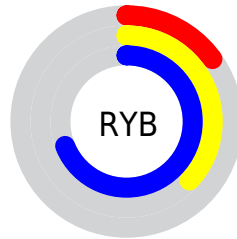
The YUV color **109.7850, 32.6440, -63.8324** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **103.2150, -32.6440, 63.8324**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3130, 31.8907, -55.5255**, and **63.3300, 29.4173, -55.5404** is the 20% darker color. If you saturate the color by 10%, you get **101.4680, 36.7443, -72.3244**, and if you desaturate by 10%, it is **118.1020, 28.5437, -55.3405**.

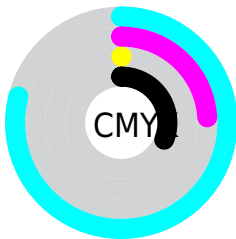
Distribution



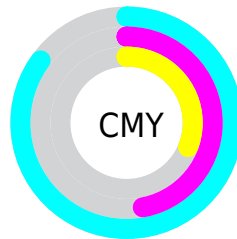
- Red (15%)
- Green (53%)
- Blue (69%)



- Red (15%)
- Yellow (37%)
- Blue (69%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7850, 32.6440, -63.8324 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 109.7850, 32.6440, -63.8324 by changing the saturation by 10% instead.

■ 109.7850, 32.6440,
-63.8324

■ 109.7850, 32.6440,
-63.8324

■ 255.0000, 0.0000,
0.0000

■ 80.9690, 33.5393,
-71.0098

■ 167.3130, 31.8907,
-55.5255

■ 63.3300, 29.4173,
-55.5404

■ 195.3410, 29.4119,
-53.7961

■ 46.9790, 25.1534,
-41.2006

■ 220.4480, 17.0341,
-50.3819

■ 31.9160, 20.7474,
-27.9903

■ 236.4620, 9.1392,
-38.1162

■ 16.9670, 16.7783,
-14.8801

■ 245.1330, 4.8644,
-20.2876

■ 4.5940, 12.5252,
-4.0289

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 109.7850, 32.6440,
-63.8324

■ 109.7850, 32.6440,
-63.8324

■ 101.4680, 36.7443,
-72.3244

■ 118.1020, 28.5437,
-55.3405

■ 92.8630, 40.9865,
-79.6869

■ 126.7070, 24.3014,
-47.9780

■ 92.2650, 41.2814,
-80.9164

■ 135.0240, 20.2012,
-39.4860

■ 143.0420, 16.2483,
-31.6088

■ 151.9460, 11.8586,
-23.6316

■ 160.2630, 7.7583,
-15.1397

■ 168.2810, 3.8055,
-7.2624

■ 177.1850, -0.5842,
0.7148

■ 185.2030, -4.5371,
8.5920

Harmonies

Analogous

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



99.6050, 28.7887, -87.3536



109.7850, 32.6440, -63.8324



122.5880, 28.3041, -25.0717

Triad

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



109.7850, 32.6440, -63.8324



127.6620, -3.7774, 45.0234



119.0700, -19.7545, -10.5854

Complementary

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



109.7850, 32.6440, -63.8324



103.2150, -32.6440, 63.8324

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.



122.7910, -26.5190, 12.4613



109.7850, 32.6440, -63.8324



126.0350, -16.2863, 43.8193

Square

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



109.7850, 32.6440, -63.8324



128.4290, 9.6485, 32.0728



124.6670, -24.9788, 31.8640



114.1620, -5.9959, -36.9761

Rectangle

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



109.7850, 32.6440, -63.8324



126.8790, 23.7237, -2.5249



124.6670, -24.9788, 31.8640



120.3160, -22.8338, -2.9081

Sweetspot

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



109.7850, 32.6440, -63.8324



203.2770, 13.1744, -25.6759



123.3810, -21.8798, -75.7561



98.9640, 7.9057, -15.7544



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



109.7850, 32.6440, -63.8324



125.7770, 51.3819, -100.6594



69.2820, 52.6120, -28.3113



85.1350, 1.9054, -4.5034



80.2510, 35.8653, -70.3801



13.5300, 6.1477, -11.8658

Inverse Universe

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



89.6190, 21.8798, 75.7561



93.9230, 34.5480, 119.3395



143.7180, -52.6120, 28.3113



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 109.7850, 32.6440, -63.8324 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 109.7850, 32.6440, -63.8324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

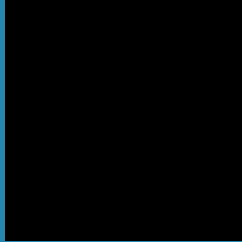
Any Text WCAG AA ✓ Pass

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 109.7850, 32.6440, -63.8324 Background



This preview shows how black text looks on a background with the YUV color 109.7850, 32.6440, -63.8324.

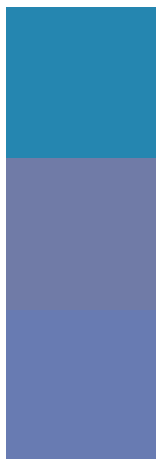


This preview shows how white text looks on a background with the YUV color 109.7850, 32.6440,

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

109.7850, 32.6440, -63.8324

Protanopia

124.7270, 20.8406, -11.1616

Deuteranopia

123.5890, 26.8246, -17.1796



Tritanopia

97.9920, 25.1469, -85.9390

Trichromacy



Original Color

109.7850, 32.6440, -63.8324

Protanomaly

119.3440, 24.9734, -30.1197

Deuteranomaly

118.6470, 28.7680, -33.8934

Tritanomaly

102.4320, 27.8880, -78.4319

Monochromacy



Original Color

109.7850, 32.6440, -63.8324

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9460, 11.8586, -23.6316

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7850, 32.6440, -63.8324 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(37, 134, 176)` looks like.

```
.text, #text, p{  
    color:rgb(37, 134, 176)  
}
```

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(37, 134, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 134, 176) }
```

Border

The CSS property to change the border of an element to YUV 109.7850, 32.6440, -63.8324 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(37, 134, 176) }
```


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

```
.border{ border-color:rgb(37, 134, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 134, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 134, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 134, 176);  
box-shadow:4px 4px 4px 4px rgb(37, 134,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 109.7850, 32.6440, -63.8324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 134, 176) }
```

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

```
.background{ background-color: rgb(37, 134,  
176) }
```

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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