

Converting Colors

YUV(96.6440, -0.3175, -38.2758)

Have a look what the booklet for
YUV(96.6440, -0.3175, -38.2758)
contains.

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Color

**YUV(96.6440, -0.3175,
-38.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	357760
RGB	53, 119, 96
RGB Percent	21%, 47%, 38%
CMY	0.7922, 0.5333, 0.6235
CMYK	0.55, 0.00, 0.19, 0.53
HSL	159°, 38%, 34%
HSV	159°, 55%, 47%
XYZ	10.1763, 14.7951, 13.3857
YIQ	96.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

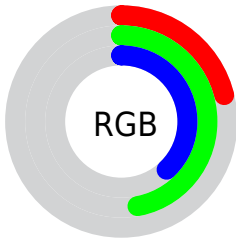
Format	Color
RYB	53, 93, 119
Decimal	3503968
CIELab	45.35, -27.03, 6.33
CIElCh	45, 27.759, 166.812
Yxy	14.7951, 0.2653, 0.3857
Android (android.graphics.Color)	4281694048 (0xFF357760)
YUV	96.6440, -0.3175, -38.2758
Hunter-Lab	38.4644, -20.0877, 6.2919

Details

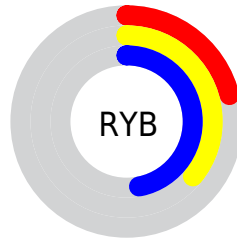
The YUV color **96.6440, -0.3175, -38.2758** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75.3560, 0.3175, 38.2758**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0030, -1.4805, -38.5906**, and **46.7900, 1.5825, -41.0348** is the 20% darker color. If you saturate the color by 10%, you get **92.6000, -0.2958, -45.2532**, and if you desaturate by 10%, it is **100.6880, -0.3392, -31.2984**.

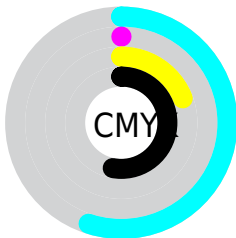
Distribution



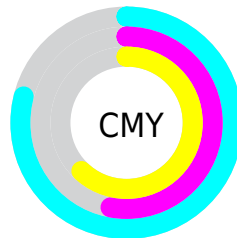
- Red (21%)
- Green (47%)
- Blue (38%)



- Red (21%)
- Yellow (36%)
- Blue (47%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6440, -0.3175, -38.2758 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 96.6440, -0.3175, -38.2758 by changing the saturation by 10% instead.

96.6440, -0.3175,
-38.2758

96.6440, -0.3175,
-38.2758

255.0000, 0.0000,
0.0000

70.8610, 0.5615,
-40.2201

149.0030, -1.4805,
-38.5906

46.7900, 1.5825,
-41.0348

176.0030, -1.4805,
-38.5906

30.8950, -0.9342,
-27.0949

203.5900, -1.7699,
-39.1054

16.1910, -6.5032,
-14.1995

231.5900, -1.7699,
-39.1054

0.0000, 0.0000,
0.0000

243.0400, 5.8963,
-24.5911

251.7110, 1.6215,

-6.7625

■ 96.6440, -0.3175,
-38.2758

■ 96.6440, -0.3175,
-38.2758

■ 92.6000, -0.2958,
-45.2532

■ 100.6880, -0.3392,
-31.2984

■ 88.5560, -0.2741,
-52.2306

■ 104.7320, -0.3609,
-24.3210

■ 84.5120, -0.2524,
-59.2080

■ 108.7760, -0.3826,
-17.3436

■ 80.3540, -0.6675,
-66.0855

■ 112.9340, 0.0325,
-10.4661

■ 78.7450, -0.3673,
-69.0594

■ 116.9780, 0.0108,
-3.4887

■ 120.7230, 0.1366,
2.8739

■ 124.7670, 0.1149,
9.8513

■ 128.8110, 0.0932,
16.8288

■ 132.8550, 0.0715,
23.8062

Harmonies

Analogous

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



101.4590, -13.0443, -16.1885



96.6440, -0.3175, -38.2758



88.3060, 15.6251, -65.1664

Triad

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



96.6440, -0.3175, -38.2758



107.3680, 22.0036, -10.8467



108.2680, -16.4011, 33.9680

Complementary

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



96.6440, -0.3175, -38.2758



75.3560, 0.3175, 38.2758

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.



109.4070, -7.1027, 38.2311



96.6440, -0.3175, -38.2758



110.4590, 14.0707, 13.6295

Square

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



96.6440, -0.3175, -38.2758



99.8050, 25.7321, -40.1710



110.0500, 4.4124, 31.5282



106.1110, -21.7467, 21.8277

Rectangle

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



96.6440, -0.3175, -38.2758



85.1290, 24.0934, -74.6581



110.0500, 4.4124, 31.5282



108.0880, -13.3544, 36.7568

Sweetspot

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



96.6440, -0.3175, -38.2758



146.7870, -0.3880, -15.5992



98.6190, -22.4902, -19.8369



73.6460, 0.1745, -9.3365



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.6440, -0.3175, -38.2758



120.3870, -0.6838, -60.8524



93.3960, 12.6228, -35.4273



56.9780, 0.0108, -3.4887



80.7340, -0.3619, -70.8037



165.3320, -1.1497, -144.9962

Inverse Universe

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



75.3560, 0.3175, 38.2758



86.6130, 0.6838, 60.8524



78.6040, -12.6228, 35.4273



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 96.6440, -0.3175, -38.2758 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 96.6440, -0.3175, -38.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

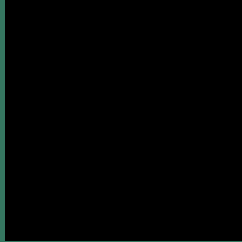
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.6440, -0.3175, -38.2758

Background



This preview shows how black text looks on a background with the YUV color 96.6440, -0.3175, -38.2758.



This preview shows how white text looks on a background with the YUV color 96.6440, -0.3175,

-38.2758.

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

96.6440, -0.3175, -38.2758

Protanopia

106.8560, -8.3100, 5.3883

Deuteranopia

107.6270, -4.2531, 10.8511



Tritanopia

100.1790, 11.7438, -33.4830

Trichromacy



Original Color

96.6440, -0.3175, -38.2758

Protanomaly

102.8540, -5.3510, -10.3960

Deuteranomaly

103.8590, -2.8885, -6.8923

Tritanomaly

98.7290, 7.5286, -34.8423

Monochromacy



Original Color

96.6440, -0.3175, -38.2758

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6440, -0.3175, -38.2758 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(53, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(53, 119, 96)  
}
```

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(53, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 119, 96) }
```

Border

The CSS property to change the border of an element to YUV 96.6440, -0.3175, -38.2758 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(53, 119, 96) }
```


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

```
.border{ border-color:rgb(53, 119, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 119, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(53, 119,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 96.6440, -0.3175, -38.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 119, 96) }
```

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

```
.background{ background-color: rgb(53, 119,  
96) }
```

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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