

Converting Colors

YUV(96.8070, -47.7259, 1.0463)

Have a look what the booklet for
YUV(96.8070, -47.7259, 1.0463)
contains.

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Color

**YUV(96.8070, -47.7259,
1.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	627300
RGB	98, 115, 0
RGB Percent	38%, 45%, 0%
CMY	0.6157, 0.5490, 1.0000
CMYK	0.15, 0.00, 1.00, 0.55
HSL	69°, 100%, 23%
HSV	69°, 100%, 45%
XYZ	11.1677, 14.8581, 2.2793
YIQ	96.8070, 26.7830, -39.3690

Conversions

Conversions Part 2

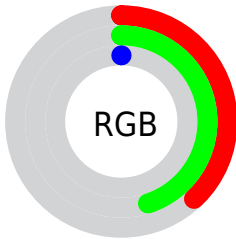
Format	Color
RYB	0, 115, 17
Decimal	6451968
CIELab	45.44, -19.93, 50.81
CIELCh	45, 54.579, 111.418
Yxy	14.8581, 0.3945, 0.5249
Android (android.graphics.Color)	4284642048 (0xFF627300)
YUV	96.8070, -47.7259, 1.0463
Hunter-Lab	38.5463, -15.7404, 23.4765

Details

The YUV color **96.8070, -47.7259, 1.0463** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.1930, 47.7259, -1.0463**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5450, -43.6527, 1.2760**, and **53.3820, -26.3173, -5.5970** is the 20% darker color. If you saturate the color by 10%, you get **96.8070, -47.7259, 1.0463**, and if you desaturate by 10%, it is **98.6590, -43.2159, 1.1761**.

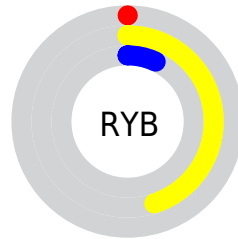
Distribution



Red (38%)

Green (45%)

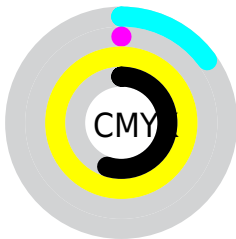
Blue (0%)



Red (0%)

Yellow (45%)

Blue (7%)

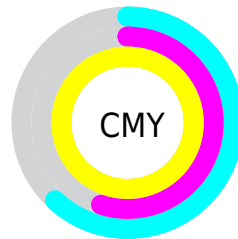


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8070, -47.7259, 1.0463 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 96.8070, -47.7259, 1.0463 by changing the saturation by 10% instead.

■ 96.8070, -47.7259,
1.0463

■ 96.8070, -47.7259,
1.0463

■ 254.8860, -0.4368,
0.1000

■ 74.3580, -36.6585,
-2.0680

■ 150.5450,
-43.6527, 1.2760

■ 53.3820, -26.3173,
-5.5970

■ 177.7300,
-44.2369, 1.9908

■ 32.6940, -16.1181,
-10.2556

■ 205.5020,
-45.1105, 2.1907

■ 15.2620, -7.5242,
-13.3848


■ 233.6870,
-45.6947, 2.9055


■ 0.0000, 0.0000,
0.0000


■ 245.0820,
-38.0014, 8.6981


■ 248.2740,


-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993


 96.8070, -47.7259,
1.0463

 98.6590, -43.2159,
1.1761

 100.3260,
-38.1217, 0.5911

 102.2920,
-33.1750, 0.6209

 104.1440,
-28.6650, 0.7507

 105.8110,
-23.5708, 0.1658

■ 107.6630,
-19.0609, 0.2955

■ 109.6290,
-14.1141, 0.3254

■ 111.4810, -9.6041,
0.4552

■ 113.1480, -4.5100,
-0.1298

Harmonies

Analogous

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



101.1470, -49.8655, 34.0741



96.8070, -47.7259, 1.0463



88.4970, -20.9510, -46.9169

Triad

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



96.8070, -47.7259, 1.0463



93.6670, 41.5762, -82.1460



104.8340, 8.9558, 67.6746

Complementary

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



96.8070, -47.7259, 1.0463



18.1930, 47.7259, -1.0463

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.



110.3210, 26.9567, 33.9215



96.8070, -47.7259, 1.0463



91.2510, 52.6273, -80.0271

Square

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



96.8070, -47.7259, 1.0463



91.6830, 23.8203, -80.4060



105.2090, 43.2810, -22.1083



102.5580, -12.6001, 74.9326

Rectangle

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



96.8070, -47.7259, 1.0463



83.3270, -3.1192, -73.0778



105.2090, 43.2810, -22.1083



107.3860, 15.0927, 59.2975

Sweetspot

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



96.8070, -47.7259, 1.0463



143.0760, -18.7715, 0.8103



43.1900, -21.2927, 62.9774



72.3130, -11.4933, -0.2745



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.8070, -47.7259, 1.0463



126.3220, -62.2767, 1.4716



80.0630, -39.4711, -33.3813



58.0170, -2.4734, -0.0149



102.7100, -50.6360, 1.1313



210.4370, -103.7454, 2.2478

Inverse Universe

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



18.1930, 47.7259, -1.0463



23.6780, 62.2767, -1.4716



34.9370, 39.4711, 33.3813



53.9830, 2.4734, 0.0149



19.2900, 50.6360, -1.1313



39.5630, 103.7454, -2.2478

Previews

White Background



This preview shows how the YUV color 96.8070, -47.7259, 1.0463 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 96.8070, -47.7259, 1.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

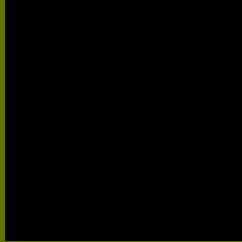
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8070, -47.7259, 1.0463

Background



This preview shows how black text looks on a background with the YUV color 96.8070, -47.7259, 1.0463.



This preview shows how white text looks on a background with the YUV color 96.8070, -47.7259,

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



Deuteranopia

102.8180, -40.8293, 29.1006

Tritanopia

107.9120, 3.4944, -0.7998

Trichromacy



Deuteranomaly

100.7690, -43.2701, 18.6196



Tritanomaly

103.9880, -15.2771, 0.0105

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

97.1190, -17.3137, -0.1044

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8070, -47.7259, 1.0463 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(98, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 0)  
}
```

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(98, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 0) }
```

Border

The CSS property to change the border of an element to YUV 96.8070, -47.7259, 1.0463 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(98, 115, 0) }
```

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

```
.border{ border-color:rgb(98, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 115, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 96.8070, -47.7259, 1.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 0) }
```

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

```
.background{ background-color: rgb(98, 115,  
0) }
```

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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