

Converting Colors

YUV(96.9580, -13.2903,
-30.6582)

Have a look what the booklet for
YUV(96.9580, -13.2903, -30.6582)
contains.

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Color

**YUV(96.9580, -13.2903,
-30.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7846
RGB	62, 120, 70
RGB Percent	24%, 47%, 27%
CMY	0.7569, 0.5294, 0.7255
CMYK	0.48, 0.00, 0.42, 0.53
HSL	128°, 32%, 36%
HSV	128°, 48%, 47%
XYZ	9.8086, 14.8993, 8.1532
YIQ	96.9580, -18.5180, -27.8460

Conversions

Conversions Part 2

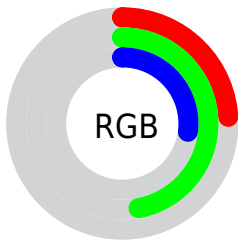
Format	Color
RYB	62, 113, 120
Decimal	4094022
CIELab	45.50, -30.54, 21.73
CIELCh	45, 37.483, 144.570
Yxy	14.8993, 0.2985, 0.4534
Android (android.graphics.Color)	4282284102 (0xFF3E7846)
YUV	96.9580, -13.2903, -30.6582
Hunter-Lab	38.5996, -22.1905, 14.4961

Details

The YUV color **96.9580, -13.2903, -30.6582** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **85.0420, 13.2903, 30.6582**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9040, -14.7427, -31.4878**, and **46.0220, -10.3638, -35.9763** is the 20% darker color. If you saturate the color by 10%, you get **92.2300, -15.8894, -37.0357**, and if you desaturate by 10%, it is **101.6860, -10.6912, -24.2806**.

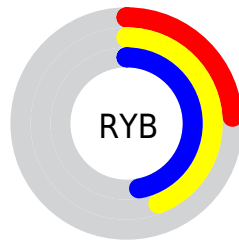
Distribution



Red (24%)

Green (47%)

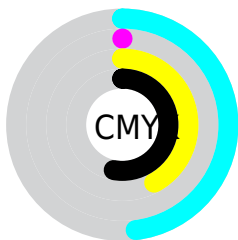
Blue (27%)



Red (24%)

Yellow (44%)

Blue (47%)

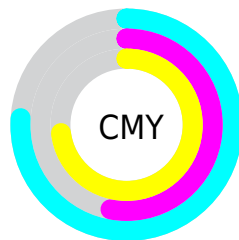


Cyan (48%)

Magenta (0%)

Yellow (42%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9580, -13.2903, -30.6582 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 96.9580, -13.2903, -30.6582 by changing the saturation by 10% instead.

96.9580, -13.2903,
-30.6582

96.9580, -13.2903,
-30.6582

255.0000, 0.0000,
0.0000

71.8870, -12.2693,
-31.4729

148.9040,
-14.7427, -31.4878

46.0220, -10.3638,
-35.9763

175.7900,
-15.1795, -31.3878

28.1760, -13.8908,
-24.7104

203.8500,
-16.1950, -32.3174

16.4360, -8.1029,
-14.4144

230.6760,
-15.6163, -31.2879

0.0000, 0.0000,
0.0000

242.2400, -7.5133,
-16.8735

254.1030, 0.4422,

-1.8443

■ 96.9580, -13.2903,
-30.6582

■ 96.9580, -13.2903,
-30.6582

■ 92.2300, -15.8894,
-37.0357

■ 101.6860,
-10.6912, -24.2806

■ 87.3880, -18.9253,
-43.3133

■ 106.5280, -7.6553,
-18.0031

■ 82.6600, -21.5244,
-49.6908

■ 111.2560, -5.0562,
-11.6255

■ 77.9320, -24.1235,
-56.0684

■ 115.9840, -2.4571,
-5.2480

■ 73.0900, -27.1594,
-62.3459

■ 120.8260, 0.5788,
1.0296

■ 72.3780, -27.3014,
-63.4755

■ 125.5540, 3.1779,
7.4071

■ 130.2820, 5.7770,
13.7847

■ 135.1240, 8.8129,
20.0623

■ 139.8520, 11.4120,
26.4398

Harmonies

Analogous

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



102.2900, -26.7650, -2.0083



96.9580, -13.2903, -30.6582



83.7150, 8.5215, -73.4181

Triad

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



96.9580, -13.2903, -30.6582



94.0830, 37.4271, -57.9548



107.8170, -12.2348, 51.0265

Complementary

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



96.9580, -13.2903, -30.6582



85.0420, 13.2903, 30.6582

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.



109.0950, 2.9112, 46.3977



96.9580, -13.2903, -30.6582



108.8830, 27.6657, -6.9134

Square

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



96.9580, -13.2903, -30.6582



88.4520, 34.2872, -77.5724



110.8180, 16.3587, 26.4696



106.5480, -24.4272, 41.6154

Rectangle

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



96.9580, -13.2903, -30.6582



86.6960, 17.4049, -76.0324



110.8180, 16.3587, 26.4696



108.1960, -6.9986, 51.5711

Sweetspot

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



96.9580, -13.2903, -30.6582



146.4300, -5.6350, -12.6551



110.9960, -24.1550, 0.8805



73.4460, -3.1779, -7.4071



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.



96.9580, -13.2903, -30.6582



119.8990, -20.6562, -48.1464



100.2640, -0.6232, -33.5575



58.6360, -1.2995, -3.1888



75.3130, -28.7483, -66.0495



151.9140, -57.6386, -133.2286

Inverse Universe

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



85.0420, 13.2903, 30.6582



101.1010, 20.6562, 48.1464



81.7360, 0.6232, 33.5575



57.3640, 1.2995, 3.1888



49.6870, 28.7483, 66.0495



100.2000, 58.0754, 133.1286

Previews

White Background



This preview shows how the YUV color 96.9580, -13.2903, -30.6582 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 96.9580, -13.2903, -30.6582 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 96.9580, -13.2903, -30.6582

Background



This preview shows how black text looks on a background with the YUV color 96.9580, -13.2903, -30.6582.



This preview shows how white text looks on a background with the YUV color 96.9580, -13.2903, -30.6582.

-30.6582.

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

96.9580, -13.2903, -30.6582

Protanopia

105.2020, -19.8196, 10.3468

Deuteranopia

107.1690, -16.3523, 18.2688



Tritanopia

103.0660, 9.8275, -25.4909

Trichromacy



Original Color

96.9580, -13.2903, -30.6582

Protanomaly

102.3850, -17.4448, -4.7226

Deuteranomaly

103.4010, -14.9877, 0.5253

Tritanomaly

100.8780, 1.5391, -27.0800

Monochromacy



Original Color

96.9580, -13.2903, -30.6582

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6690, -4.7668, -11.1107

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9580, -13.2903, -30.6582 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(62, 120, 70)` looks like.

```
.text, #text, p{  
    color:rgb(62, 120, 70)  
}
```

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(62, 120, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 120, 70) }
```

Border

The CSS property to change the border of an element to YUV 96.9580, -13.2903, -30.6582 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(62, 120, 70) }
```


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

```
.border{ border-color:rgb(62, 120, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 120, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 120, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 120, 70);  
box-shadow:4px 4px 4px 4px rgb(62, 120,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 96.9580, -13.2903, -30.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 120, 70) }
```

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

```
.background{ background-color: rgb(62, 120,  
70) }
```

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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