

Converting Colors

YUV(96.7090, -32.3945,
-16.4078)

Have a look what the booklet for
YUV(96.7090, -32.3945, -16.4078)
contains.

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Color

**YUV(96.7090, -32.3945,
-16.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	4E771F
RGB	78, 119, 31
RGB Percent	31%, 47%, 12%
CMY	0.6941, 0.5333, 0.8784
CMYK	0.34, 0.00, 0.74, 0.53
HSL	88°, 59%, 29%
HSV	88°, 74%, 47%
XYZ	9.9860, 14.9123, 3.6484
YIQ	96.7090, 3.8120, -36.0600

Conversions

Conversions Part 2

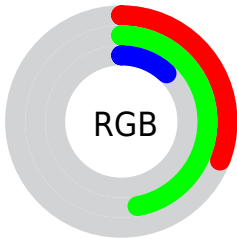
Format	Color
R_{YB}	31, 119, 72
Decimal	5142303
CIE _{Lab}	45.51, -29.21, 41.58
CIE _{LCh}	46, 50.817, 125.090
Yxy	14.9123, 0.3498, 0.5224
Android (android.graphics.Color)	4283332383 (0xFF4E771F)
YUV	96.7090, -32.3945, -16.4078
Hunter-Lab	38.6164, -21.4194, 21.4300

Details

The YUV color **96.7090, -32.3945, -16.4078** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **53.2910, 32.3945, 16.4078**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0680, -33.5575, -16.7226**, and **49.4620, -24.3848, -18.8222** is the 20% darker color. If you saturate the color by 10%, you get **93.5470, -36.7517, -18.8967**, and if you desaturate by 10%, it is **99.8710, -28.0374, -13.9189**.

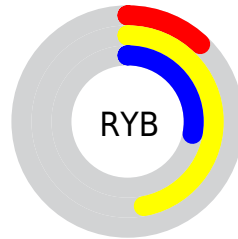
Distribution



Red (31%)

Green (47%)

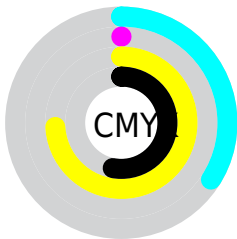
Blue (12%)



Red (12%)

Yellow (47%)

Blue (28%)

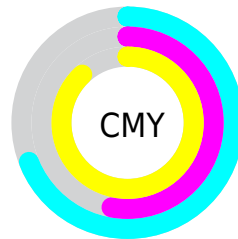


Cyan (34%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7090, -32.3945, -16.4078 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 96.7090, -32.3945, -16.4078 by changing the saturation by 10% instead.

■ 96.7090, -32.3945,
-16.4078

■ 96.7090, -32.3945,
-16.4078

255.0000, 0.0000,
0.0000

■ 70.8400, -34.4311,
-16.5227

■ 149.0680,
-33.5575, -16.7226

■ 49.4620, -24.3848,
-18.8222

■ 175.9540,
-33.9943, -16.6227

■ 27.5890, -13.6014,
-24.1956

■ 203.7260,
-34.8679, -16.4227

■ 16.4360, -8.1029,
-14.4144

■ 231.9110,
-35.4521, -15.7079

■ 0.0000, 0.0000,
0.0000

■ 243.6600,
-27.9334, -0.5788

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

96.7090, -32.3945,
-16.4078

96.7090, -32.3945,
-16.4078

93.5470, -36.7517,
-18.8967

99.8710, -28.0374,
-13.9189

90.6840, -41.2562,
-20.7709

102.7340,
-23.5329, -12.0447

88.9890, -43.8716,
-21.9154

105.8960,
-19.1757, -9.5558

108.7590,
-14.6712, -7.6816

111.9210,
-10.3141, -5.1927

■ 114.6700, -6.2463,
-3.2186

■ 117.8320, -1.8892,
-0.7297

■ 120.6950, 2.6154,
1.1445

■ 123.8570, 6.9725,
3.6334

Harmonies

Analogous

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



100.4440, -47.0539, 18.9046



96.7090, -32.3945, -16.4078



81.3550, -5.5980, -71.3483

Triad

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



96.7090, -32.3945, -16.4078



92.7040, 45.5019, -81.3014



105.0870, -1.5219, 68.3297

Complementary

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



96.7090, -32.3945, -16.4078



53.2910, 32.3945, 16.4078

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.



108.8900, 17.3092, 48.3315



96.7090, -32.3945, -16.4078



86.5720, 52.4690, -75.9236

Square

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



96.7090, -32.3945, -16.4078



92.3330, 31.3878, -80.9760



110.1650, 33.4427, 6.8713



104.5000, -21.4455, 65.3365

Rectangle

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



96.7090, -32.3945, -16.4078



85.8350, 6.4903, -75.2773



110.1650, 33.4427, 6.8713



106.4870, 5.1829, 64.4709

Sweetspot

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



96.7090, -32.3945, -16.4078



147.2260, -12.9294, -6.3372



80.7920, -24.5475, 33.5084



73.6160, -7.6987, -4.0482



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.



96.7090, -32.3945, -16.4078



120.7190, -51.1335, -26.0636



83.8520, -26.0560, -42.8432



57.4190, -2.1786, -1.2445



91.0490, -44.8872, -22.8450



186.5170, -91.9529, -46.9344

Inverse Universe

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



53.2910, 32.3945, 16.4078



52.2810, 51.1335, 26.0636



66.1480, 26.0560, 42.8432



54.5810, 2.1786, 1.2445



30.9510, 44.8872, 22.8450



63.1840, 92.1003, 46.3196

Previews

White Background



This preview shows how the YUV color 96.7090, -32.3945, -16.4078 looks on a white background.

Color Contrast Check

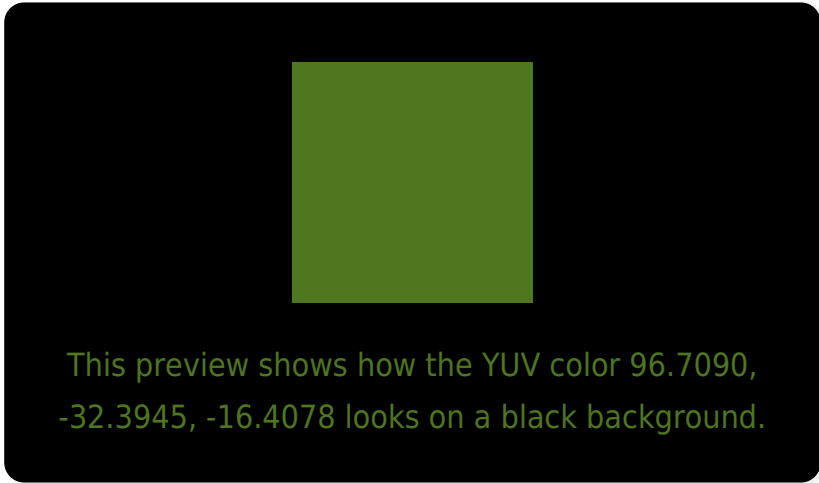
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

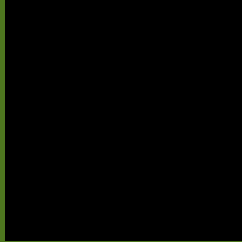
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7090, -32.3945, -16.4078

Background



This preview shows how black text looks on a background with the YUV color 96.7090, -32.3945, -16.4078.



This preview shows how white text looks on a background with the YUV color 96.7090, -32.3945,

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

96.7090, -32.3945, -16.4078

Protanopia

102.7670, -36.8601, 15.9903

Deuteranopia

104.2720, -32.6721, 26.0715



Tritanopia

105.7470, 7.0267, -13.8101

Trichromacy



Original Color

96.7090, -32.3945, -16.4078

Protanomaly

100.4450, -35.2224, 3.9947

Deuteranomaly

101.4720, -32.7707, 10.9871

Tritanomaly

102.6640, -7.2294, -14.6143

Monochromacy



Original Color

96.7090, -32.3945, -16.4078

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8670, -11.7664, -6.0224

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7090, -32.3945, -16.4078 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(78, 119, 31)` looks like.

```
.text, #text, p{  
    color:rgb(78, 119, 31)  
}
```

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(78, 119, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 119, 31) }
```

Border

The CSS property to change the border of an element to YUV 96.7090, -32.3945, -16.4078 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(78, 119, 31) }
```


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

```
.border{ border-color:rgb(78, 119, 31) }
```

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

Here you see how a box with a 4 pixel rgb(78, 119, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 119, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 119, 31);  
box-shadow:4px 4px 4px 4px rgb(78, 119,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 96.7090, -32.3945, -16.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 119, 31) }
```

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

```
.background{ background-color: rgb(78, 119,  
31) }
```

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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