

Converting Colors

YUV(76.8930, -28.0482,
-10.4302)

Have a look what the booklet for
YUV(76.8930, -28.0482, -10.4302)
contains.

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Color

**YUV(76.8930, -28.0482,
-10.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	415E14
RGB	65, 94, 20
RGB Percent	25%, 37%, 8%
CMY	0.7451, 0.6314, 0.9216
CMYK	0.31, 0.00, 0.79, 0.63
HSL	84°, 65%, 22%
HSV	84°, 79%, 37%
XYZ	6.3089, 9.1797, 2.1012
YIQ	76.8930, 6.4700, -29.1620

Conversions

Conversions Part 2

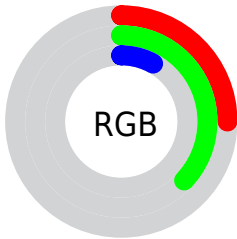
Format	Color
RYB	20, 94, 49
Decimal	4283924
CIELab	36.33, -23.11, 36.58
CIELCh	36, 43.263, 122.282
Yxy	9.1797, 0.3587, 0.5219
Android (android.graphics.Color)	4282474004 (0xFF415E14)
YUV	76.8930, -28.0482, -10.4302
Hunter-Lab	30.2981, -15.8527, 17.0969

Details

The YUV color **76.8930, -28.0482, -10.4302** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **37.1070, 28.0482, 10.4302**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6650, -28.9218, -10.2302**, and **33.2590, -16.3967, -14.2591** is the 20% darker color. If you saturate the color by 10%, you get **74.6710, -31.3898, -11.9895**, and if you desaturate by 10%, it is **79.1150, -24.7067, -8.8709**.

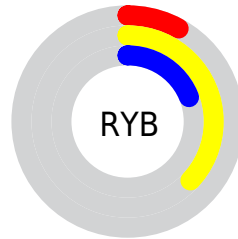
Distribution



Red (25%)

Green (37%)

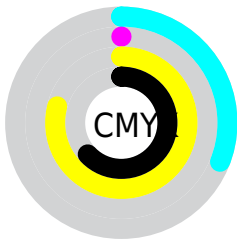
Blue (8%)



Red (8%)

Yellow (37%)

Blue (19%)

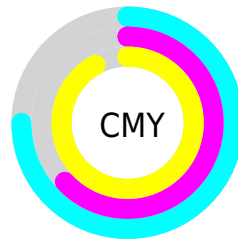


Cyan (31%)

Magenta (0%)

Yellow (79%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8930, -28.0482, -10.4302 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 76.8930, -28.0482, -10.4302 by changing the saturation by 10% instead.

■ 76.8930, -28.0482,
-10.4302

■ 76.8930, -28.0482,
-10.4302

255.0000, 0.0000,
0.0000

■ 53.3490, -26.3011,
-10.8301

■ 127.6650,
-28.9218, -10.2302

■ 33.2590, -16.3967,
-14.2591

■ 153.5510,
-29.3586, -10.1302

■ 17.0230, -8.3923,
-14.9292

■ 180.9100,
-30.5216, -10.4451

■ 0.0000, 0.0000,
0.0000

■ 208.6820,
-31.3952, -10.2451

■ 236.5680,
-31.8320, -10.1451

■ 248.4310,

-23.8765, 4.8840

251.9220,
-11.7935, 2.6994

76.8930, -28.0482,
-10.4302

76.8930, -28.0482,
-10.4302

74.6710, -31.3898,
-11.9895

79.1150, -24.7067,
-8.8709

72.6340, -35.3156,
-12.8340

81.1520, -20.7809,
-8.0263

72.2210, -35.6050,
-13.3488

83.3740, -17.4394,
-6.4670

85.7100, -13.6610,
-5.0077

87.6330, -10.1721,
-4.0631

■ 89.8550, -6.8305,
-2.5038

■ 92.1910, -3.0522,
-1.0445

■ 94.1140, 0.4368,
-0.1000

■ 96.4500, 4.2152,
1.3594

Harmonies

Analogous

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



80.1370, -38.0285, 17.4199



76.8930, -28.0482, -10.4302



63.9270, -6.3730, -56.0640

Triad

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



76.8930, -28.0482, -10.4302



73.6970, 36.1384, -64.6323



83.4660, 0.2633, 55.7193

Complementary

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



76.8930, -28.0482, -10.4302



37.1070, 28.0482, 10.4302

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.



86.6560, 15.4526, 37.1357



76.8930, -28.0482, -10.4302



69.9130, 41.9479, -61.3137

Square

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



76.8930, -28.0482, -10.4302



73.1950, 24.0609, -64.1920



87.1660, 28.5122, 1.6084



82.5140, -16.0294, 54.8002

Rectangle

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



76.8930, -28.0482, -10.4302



67.8370, 3.5314, -59.4930



87.1660, 28.5122, 1.6084



84.2250, 5.8051, 51.5457

Sweetspot

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



76.8930, -28.0482, -10.4302



115.4050, -11.0457, -3.8632



58.5620, -19.0111, 31.0791



56.8550, -6.8305, -2.5038



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.8930, -28.0482, -10.4302



95.4350, -43.5985, -16.1675



66.1290, -22.7416, -32.5621



44.8320, -1.8892, -0.7297



84.6030, -41.7093, -15.4378



182.1750, -89.8123, -33.4795

Inverse Universe

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



37.1070, 28.0482, 10.4302



33.5650, 43.5985, 16.1675



47.8710, 22.7416, 32.5621



42.1680, 1.8892, 0.7297



25.3970, 41.7093, 15.4378



54.8250, 89.8123, 33.4795

Previews

White Background



This preview shows how the YUV color 76.8930, -28.0482, -10.4302 looks on a white background.

Color Contrast Check

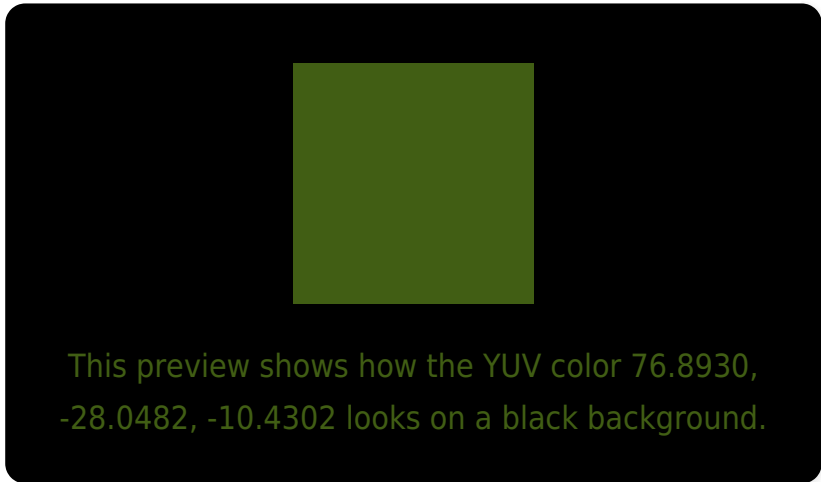
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

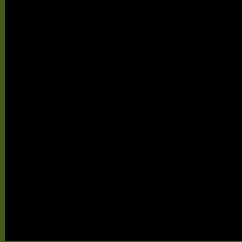
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8930, -28.0482, -10.4302

Background



This preview shows how black text looks on a background with the YUV color 76.8930, -28.0482, -10.4302.



This preview shows how white text looks on a background with the YUV color 76.8930, -28.0482, -10.4302.

-10.4302.

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

76.8930, -28.0482, -10.4302

Protanopia

80.6510, -30.8869, 13.4611

Deuteranopia

82.5040, -27.8565, 21.4830



Tritanopia

84.6120, 5.1213, -9.3067

Trichromacy



Original Color

76.8930, -28.0482, -10.4302

Protanomaly

79.2370, -29.6968, 5.0542

Deuteranomaly

80.7260, -27.9659, 9.8873

Tritanomaly

81.8110, -6.8088, -9.4812

Monochromacy



Original Color

76.8930, -28.0482, -10.4302

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9320, -10.3195, -3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8930, -28.0482, -10.4302 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(65, 94, 20)` looks like.

```
.text, #text, p{  
    color:rgb(65, 94, 20)  
}
```

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(65, 94, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 94, 20) }
```

Border

The CSS property to change the border of an element to YUV 76.8930, -28.0482, -10.4302 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(65, 94, 20) }
```


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

```
.border{ border-color:rgb(65, 94, 20) }
```

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

Here you see how a box with a 4 pixel rgb(65, 94, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 94, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 94, 20);  
box-shadow:4px 4px 4px 4px rgb(65, 94, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8930, -28.0482, -10.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 94, 20) }
```

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

```
.background{ background-color: rgb(65, 94,  
20) }
```

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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