

Converting Colors

YUV(96.3410, -41.0871,
-28.3631)

Have a look what the booklet for
YUV(96.3410, -41.0871, -28.3631)
contains.

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Color

**YUV(96.3410, -41.0871,
-28.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	40810D
RGB	64, 129, 13
RGB Percent	25%, 51%, 5%
CMY	0.7490, 0.4941, 0.9490
CMYK	0.50, 0.00, 0.90, 0.49
HSL	94°, 82%, 28%
HSV	94°, 90%, 51%
XYZ	10.0373, 16.8196, 3.0983
YIQ	96.3410, -1.5040, -49.8560

Conversions

Conversions Part 2

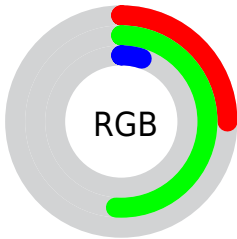
Format	Color
RYB	13, 129, 78
Decimal	4227341
CIELab	48.03, -39.66, 49.34
CIElCh	48, 63.307, 128.795
Yxy	16.8196, 0.3351, 0.5615
Android (android.graphics.Color)	4282417421 (0xFF40810D)
YUV	96.3410, -41.0871, -28.3631
Hunter-Lab	41.0117, -28.0840, 24.2291

Details

The YUV color **96.3410, -41.0871, -28.3631** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **45.6590, 41.0871, 28.3631**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0960, -39.4873, -28.1482**, and **46.3730, -22.8619, -40.6691** is the 20% darker color. If you saturate the color by 10%, you get **92.7660, -45.7336, -31.3668**, and if you desaturate by 10%, it is **99.9160, -36.4406, -25.3593**.

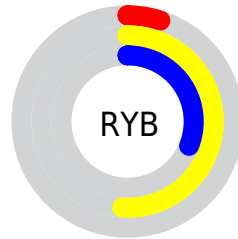
Distribution



Red (25%)

Green (51%)

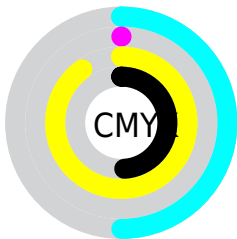
Blue (5%)



Red (5%)

Yellow (51%)

Blue (31%)

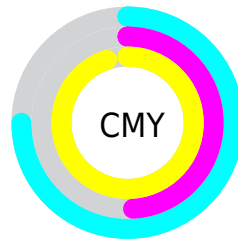


Cyan (50%)

Magenta (0%)

Yellow (90%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3410, -41.0871, -28.3631 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 96.3410, -41.0871, -28.3631 by changing the saturation by 10% instead.

■ 96.3410, -41.0871,
-28.3631

■ 96.3410, -41.0871,
-28.3631

255.0000, 0.0000,
0.0000

■ 70.9260, -34.9665,
-31.5071

■ 151.0960,
-39.4873, -28.1482

■ 46.3730, -22.8619,
-40.6691

■ 177.9820,
-39.9241, -28.0482

■ 32.2850, -15.9165,
-28.3139

■ 206.3410,
-41.0871, -28.3631

■ 20.5450, -10.1287,
-18.0180

■ 227.4820,
-38.1986, -21.4707

■ 0.0000, 0.0000,
0.0000

■ 239.3450,
-30.2431, -6.4416

■ 249.4140,

-21.4031, 4.8989

■ 252.6060, -9.1728,
2.0995

■ 96.3410, -41.0871,
-28.3631

■ 96.3410, -41.0871,
-28.3631

■ 92.7660, -45.7336,
-31.3668

■ 99.9160, -36.4406,
-25.3593

■ 103.4910,
-31.7941, -22.3556

■ 107.3650,
-27.2949, -18.7371

■ 110.9400,
-22.6484, -15.7334

■ 114.5150,
-18.0019, -12.7297

■ 117.9760,
-13.7922, -9.6260

■ 121.8500, -9.2931,
-6.0075

■ 125.4250, -4.6465,
-3.0037

■ 129.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.4560, -51.9898, 15.3861



96.3410, -41.0871, -28.3631



87.5670, -7.1815, -76.7963

Triad

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



96.3410, -41.0871, -28.3631



100.7060, 55.8539, -88.3192



104.8170, -1.8818, 90.4915

Complementary

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



96.3410, -41.0871, -28.3631



45.6590, 41.0871, 28.3631

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.



111.6350, 20.8859, 67.8491



96.3410, -41.0871, -28.3631



92.6990, 63.2524, -81.2970

Square

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



96.3410, -41.0871, -28.3631



100.9390, 38.9771, -88.5235



116.6420, 40.1095, 15.2230



106.4650, -28.3302, 80.2762

Rectangle

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



96.3410, -41.0871, -28.3631



92.9590, 8.4012, -81.5250



116.6420, 40.1095, 15.2230



105.9720, 6.4228, 86.8476

Sweetspot

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



96.3410, -41.0871, -28.3631



155.3950, -15.9707, -10.8704



85.2520, -35.6202, 38.3670



76.4370, -9.5824, -6.5222



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



96.3410, -41.0871, -28.3631



120.7420, -59.5258, -40.9927



81.7760, -30.9486, -60.3166



62.0060, -2.4680, -1.7593



91.8800, -45.2968, -31.4668



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.6590, 41.0871, 28.3631



47.2580, 59.5258, 40.9927



60.2240, 30.9486, 60.3166



58.9940, 2.4680, 1.7593



35.8210, 45.4442, 30.8520



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.3410, -41.0871, -28.3631 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 96.3410, -41.0871, -28.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

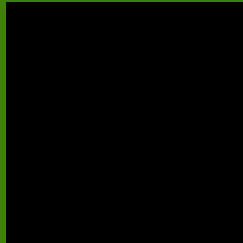
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3410, -41.0871, -28.3631

Background



This preview shows how black text looks on a background with the YUV color 96.3410, -41.0871, -28.3631.



This preview shows how white text looks on a background with the YUV color 96.3410, -41.0871, -28.3631.

-28.3631.

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

96.3410, -41.0871, -28.3631

Protanopia

105.7600, -49.6747, 19.5045

Deuteranopia

109.4590, -39.6663, 29.4155



Tritanopia

109.4790, 10.1169, -24.9761

Trichromacy



Original Color

96.3410, -41.0871, -28.3631

Protanomaly

102.1600, -46.4209, 2.4907

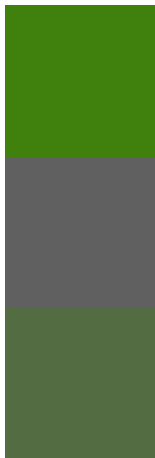
Deuteranomaly

104.8000, -40.3274, 8.0684

Tritanomaly

104.5440, -8.6492, -25.9101

Monochromacy



Original Color

96.3410, -41.0871, -28.3631

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0360, -14.8077, -10.5556

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3410, -41.0871, -28.3631 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(64, 129, 13)` looks like.

```
.text, #text, p{  
    color:rgb(64, 129, 13)  
}
```

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(64, 129, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 129, 13) }
```

Border

The CSS property to change the border of an element to YUV 96.3410, -41.0871, -28.3631 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(64, 129, 13) }
```


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

```
.border{ border-color:rgb(64, 129, 13) }
```

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

Here you see how a box with a 4 pixel rgb(64, 129, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 129, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 129, 13);  
box-shadow:4px 4px 4px 4px rgb(64, 129,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 96.3410, -41.0871, -28.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 129, 13) }
```

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

```
.background{ background-color: rgb(64, 129,  
13) }
```

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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