

Converting Colors

YUV(82.9760, -20.6942,
-35.9360)

Have a look what the booklet for
YUV(82.9760, -20.6942, -35.9360)
contains.

YUV(82.9760, -20.6942, -35.9360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.9760, -20.6942,
-35.9360)**

Conversions

Conversions Part 1	
Format	Color
Hex	2A7029
RGB	42, 112, 41
RGB Percent	16%, 44%, 16%
CMY	0.8353, 0.5608, 0.8392
CMYK	0.63, 0.00, 0.63, 0.56
HSL	119°, 46%, 30%
HSV	119°, 63%, 44%
XYZ	7.1493, 12.2407, 4.0837
YIQ	82.9760, -18.9290, -36.9210

Conversions

Conversions Part 2

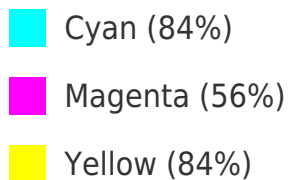
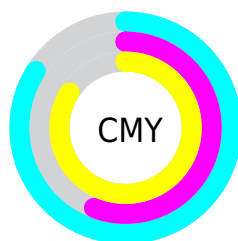
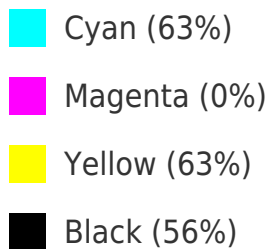
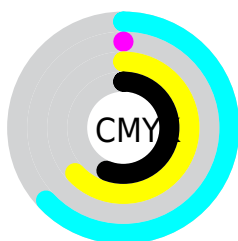
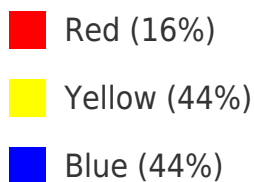
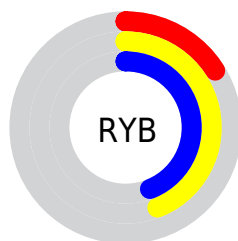
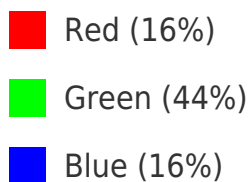
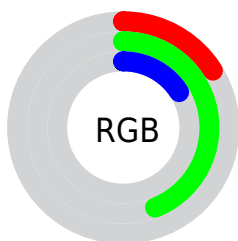
Format	Color
RYB	41, 112, 111
Decimal	2781225
CIELab	41.60, -37.20, 32.36
CIELCh	42, 49.301, 138.980
Yxy	12.2407, 0.3046, 0.5215
Android (android.graphics.Color)	4280971305 (0xFF2A7029)
YUV	82.9760, -20.6942, -35.9360
Hunter-Lab	34.9867, -24.7516, 17.5702

Details

The YUV color **82.9760, -20.6942, -35.9360** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **70.0240, 20.6942, 35.9360**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7050, -23.0256, -34.8213**, and **36.9810, -18.2316, -32.4323** is the 20% darker color. If you saturate the color by 10%, you get **78.4330, -23.8775, -41.5987**, and if you desaturate by 10%, it is **87.5190, -17.5109, -30.2732**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 82.9760, -20.6942, -35.9360 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 82.9760, -20.6942, -35.9360 by changing the saturation by 10% instead.


 82.9760, -20.6942,
-35.9360


 82.9760, -20.6942,
-35.9360


255.0000, 0.0000,
0.0000


 55.1000, -18.7833,
-42.1837


 135.7050,
-23.0256, -34.8213


 36.9810, -18.2316,
-32.4323


 162.1780,
-23.7518, -35.2361

 24.0670, -11.8650,
-21.1068

 189.9500,
-24.6253, -35.0361

 6.4570, -3.1833,
-5.6628

 218.1240,
-25.2041, -36.0657

 0.0000, 0.0000,
0.0000

 233.5090,
-18.9849, -24.1254

 245.3720,

-11.0294, -9.0962

254.6580, -1.3104,
0.2999

■ 82.9760, -20.6942,
-35.9360

■ 82.9760, -20.6942,
-35.9360

■ 78.4330, -23.8775,
-41.5987

■ 87.5190, -17.5109,
-30.2732

■ 73.8900, -27.0608,
-47.2615

■ 92.0620, -14.3276,
-24.6104

■ 69.2330, -30.6809,
-52.8243

■ 96.7190, -10.7075,
-19.0476

■ 66.3420, -32.7066,
-56.4279

■ 101.2620, -7.5242,
-13.3848

■ 105.8050, -4.3409,
-7.7220

■ 110.3480, -1.1576,
-2.0592

■ 114.8910, 2.0257,
3.6036

■ 119.5480, 5.6458,
9.1664

■ 124.0910, 8.8291,
14.8292

Harmonies

Analogous

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



89.4250, -41.6215, 3.1353



82.9760, -20.6942, -35.9360



77.3260, 1.8113, -67.8149

Triad

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



82.9760, -20.6942, -35.9360



83.1010, 46.7852, -72.8796



93.8990, -9.8102, 66.7406

Complementary

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



82.9760, -20.6942, -35.9360



70.0240, 20.6942, 35.9360

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.



97.0670, 8.8410, 57.8232



82.9760, -20.6942, -35.9360



95.1610, 39.3606, -24.6972

Square

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



82.9760, -20.6942, -35.9360



85.0440, 36.4603, -74.5836



100.8210, 25.2312, 27.3440



94.8980, -28.5437, 55.3405

Rectangle

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



82.9760, -20.6942, -35.9360



81.2190, 14.1890, -71.2291



100.8210, 25.2312, 27.3440



94.6200, -3.2637, 66.9853

Sweetspot

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



82.9760, -20.6942, -35.9360



133.8490, -7.8136, -13.8996



103.3190, -30.7233, 7.6132



66.9790, -4.9196, -8.7516



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



82.9760, -20.6942, -35.9360



99.8690, -31.9804, -56.0131



86.5530, -5.6956, -39.9500



53.8210, -1.8838, -2.4740



71.0380, -35.0217, -60.5463



145.8860, -71.9218, -125.3110

Inverse Universe

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



70.0240, 20.6942, 35.9360



80.1310, 31.9804, 56.0131



66.4470, 5.6956, 39.9500



52.4780, 1.7363, 3.0888



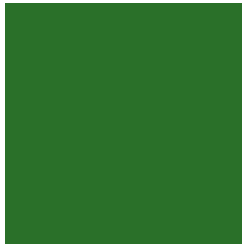
48.9620, 35.0217, 60.5463



101.1140, 71.9218, 125.3110

Previews

White Background



This preview shows how the YUV color 82.9760, -20.6942, -35.9360 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 82.9760, -20.6942, -35.9360 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 82.9760, -20.6942, -35.9360

Background



This preview shows how black text looks on a background with the YUV color 82.9760, -20.6942, -35.9360.



This preview shows how white text looks on a background with the YUV color 82.9760, -20.6942,

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

82.9760, -20.6942, -35.9360

Protanopia

94.3350, -28.2662, 12.8612

Deuteranopia

95.8290, -24.0727, 21.1980



Tritanopia

92.4570, 10.1277, -28.4648

Trichromacy



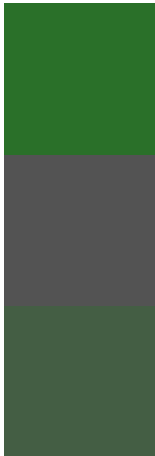
Original Color
82.9760, -20.6942, -35.9360

Protanomaly
90.2080, -25.7385, -4.5674

Deuteranomaly
91.3380, -22.8446, 0.5806

Tritanomaly
89.1610, -1.0654, -31.7132

Monochromacy



Original Color
82.9760, -20.6942, -35.9360

Achromatopsia
83.0000, 0.0000, 0.0000

Achromatomaly
83.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9760, -20.6942, -35.9360 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(42, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(42, 112, 41)  
}
```


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(42, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 112, 41) }
```

Border

The CSS property to change the border of an element to YUV 82.9760, -20.6942, -35.9360 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(42, 112, 41) }
```


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

```
.border{ border-color:rgb(42, 112, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(42, 112,  
41) }
```


Background

The CSS property to change the background color of an element to YUV 82.9760, -20.6942, -35.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 112, 41) }
```

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

```
.background{ background-color: rgb(42, 112,  
41) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor