

Converting Colors

YUV(88.7860, -22.5725,
-40.1543)

Have a look what the booklet for
YUV(88.7860, -22.5725, -40.1543)
contains.

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Color

**YUV(88.7860, -22.5725,
-40.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	2B792B
RGB	43, 121, 43
RGB Percent	17%, 47%, 17%
CMY	0.8314, 0.5255, 0.8314
CMYK	0.64, 0.00, 0.64, 0.53
HSL	120°, 48%, 32%
HSV	120°, 64%, 47%
XYZ	8.2697, 14.3628, 4.6219
YIQ	88.7860, -21.4500, -40.7940

Conversions

Conversions Part 2

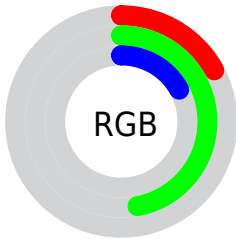
Format	Color
R_{YB}	43, 121, 121
Decimal	2849067
CIE Lab	44.75, -40.29, 34.97
CIE LCh	45, 53.351, 139.042
Yxy	14.3628, 0.3034, 0.5270
Android (android.graphics.Color)	4281039147 (0xFF2B792B)
YUV	88.7860, -22.5725, -40.1543
Hunter-Lab	37.8982, -27.3718, 19.2980

Details

The YUV color **88.7860, -22.5725, -40.1543** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75.2140, 22.5725, 40.1543**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9280, -24.6145, -38.5249**, and **41.6770, -20.5468, -36.5507** is the 20% darker color. If you saturate the color by 10%, you get **83.8300, -26.0452, -46.3319**, and if you desaturate by 10%, it is **93.7420, -19.0998, -33.9767**.

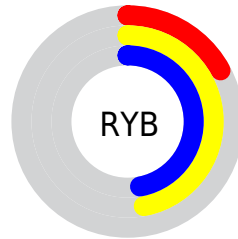
Distribution



Red (17%)

Green (47%)

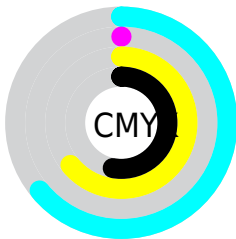
Blue (17%)



Red (17%)

Yellow (47%)

Blue (47%)

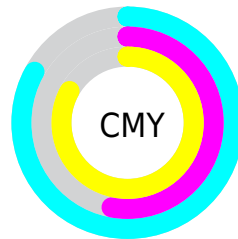


Cyan (64%)

Magenta (0%)

Yellow (64%)

Black (53%)



Cyan (83%)

Magenta (53%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7860, -22.5725, -40.1543 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 88.7860, -22.5725, -40.1543 by changing the saturation by 10% instead.

■ 88.7860, -22.5725,
-40.1543

■ 88.7860, -22.5725,
-40.1543

255.0000, 0.0000,
0.0000

■ 59.8990, -20.6562,
-48.1464

■ 141.9280,
-24.6145, -38.5249

■ 41.6770, -20.5468,
-36.5507

■ 169.2870,
-25.7775, -38.8397

■ 28.1760, -13.8908,
-24.7104

■ 197.0590,
-26.6511, -38.6397

■ 14.6750, -7.2348,
-12.8700

■ 223.1840,
-26.2197, -36.9954

■ 0.0000, 0.0000,
0.0000

■ 235.0470,
-18.2642, -21.9662

■ 246.9100,

-10.3086, -6.9371

■ 88.7860, -22.5725,
-40.1543

■ 88.7860, -22.5725,
-40.1543

■ 83.8300, -26.0452,
-46.3319

■ 93.7420, -19.0998,
-33.9767

■ 78.8740, -29.5179,
-52.5095

■ 98.6980, -15.6271,
-27.7991

■ 73.9180, -32.9906,
-58.6871

■ 103.6540,
-12.1544, -21.6216

■ 71.0270, -35.0163,
-62.2907

■ 108.6100, -8.6817,
-15.4440

■ 113.5660, -5.2090,
-9.2664

■ 118.9350, -1.4470,
-2.5740

■ 123.8910, 2.0257,
3.6036

■ 128.8470, 5.4984,
9.7812

■ 133.8030, 8.9711,
15.9588

Harmonies

Analogous

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



95.6440, -47.1525, 3.8202



88.7860, -22.5725, -40.1543



83.2930, 1.8276, -73.0480

Triad

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



88.7860, -22.5725, -40.1543



90.0940, 50.7327, -79.0124



100.8290, -10.2687, 73.8180

Complementary

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



88.7860, -22.5725, -40.1543



75.2140, 22.5725, 40.1543

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.



104.0400, 9.8403, 63.9859



88.7860, -22.5725, -40.1543



102.1760, 43.2972, -27.3414

Square

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



88.7860, -22.5725, -40.1543



92.3960, 39.2448, -81.0313



109.1140, 27.5518, 29.7180



101.9480, -31.0334, 60.5586

Rectangle

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



88.7860, -22.5725, -40.1543



87.5280, 15.5157, -76.7621



109.1140, 27.5518, 29.7180



101.2510, -3.5747, 73.4479

Sweetspot

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



88.7860, -22.5725, -40.1543



145.6100, -8.6817, -15.4440



112.1080, -34.0702, 7.7983



71.5660, -5.2090, -9.2664



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.



88.7860, -22.5725, -40.1543



107.6140, -35.3057, -62.8055



93.2320, -5.5374, -44.0535



58.5220, -1.7363, -3.0888



73.3750, -36.1739, -64.3499



147.9240, -72.9265, -129.7293

Inverse Universe

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



75.2140, 22.5725, 40.1543



86.3860, 35.3057, 62.8055



70.7680, 5.5374, 44.0535



57.4780, 1.7363, 3.0888



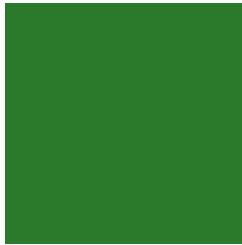
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 88.7860, -22.5725, -40.1543 looks on a white background.

Color Contrast Check

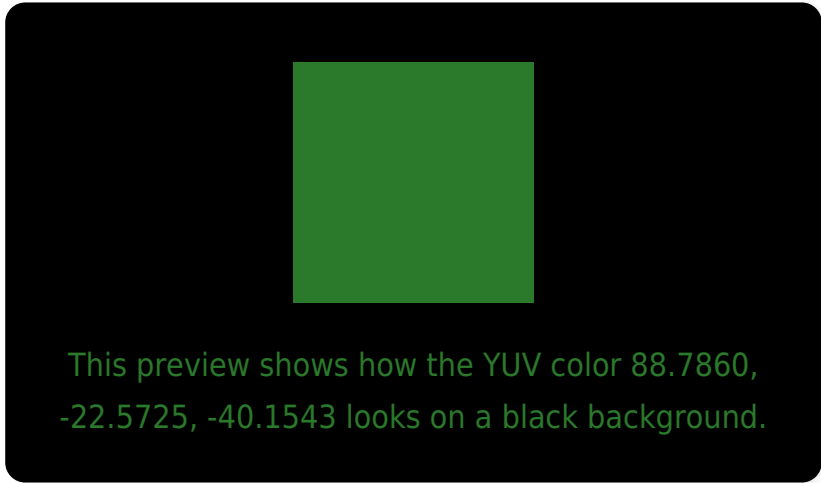
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.7860, -22.5725, -40.1543

Background



This preview shows how black text looks on a background with the YUV color 88.7860, -22.5725, -40.1543.



This preview shows how white text looks on a background with the YUV color 88.7860, -22.5725, -40.1543.

-40.1543.

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

88.7860, -22.5725, -40.1543

Protanopia

101.3630, -30.7450, 14.5906

Deuteranopia

103.1560, -26.6989, 23.5422



Tritanopia

99.0760, 11.3015, -31.6387

Trichromacy



Original Color

88.7860, -22.5725, -40.1543

Protanomaly

96.9260, -28.0645, -5.1971

Deuteranomaly

98.0560, -25.1706, -0.0491

Tritanomaly

95.4380, -1.2019, -34.5871

Monochromacy



Original Color

88.7860, -22.5725, -40.1543

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7860, -22.5725, -40.1543 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(43, 121, 43)` looks like.

```
.text, #text, p{  
    color:rgb(43, 121, 43)  
}
```

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(43, 121, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 121, 43) }
```

Border

The CSS property to change the border of an element to YUV 88.7860, -22.5725, -40.1543 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(43, 121, 43) }
```


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

```
.border{ border-color:rgb(43, 121, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 121, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 121, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 121, 43);  
box-shadow:4px 4px 4px 4px rgb(43, 121,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 88.7860, -22.5725, -40.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 121, 43) }
```

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

```
.background{ background-color: rgb(43, 121,  
43) }
```

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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