

Converting Colors

YUV(87.6940, -43.2331,
-40.0736)

Have a look what the booklet for
YUV(87.6940, -43.2331, -40.0736)
contains.

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Color

**YUV(87.6940, -43.2331,
-40.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8000
RGB	42, 128, 0
RGB Percent	16%, 50%, 0%
CMY	0.8353, 0.4980, 1.0000
CMYK	0.67, 0.00, 1.00, 0.50
HSL	100°, 100%, 25%
HSV	100°, 100%, 50%
XYZ	8.6740, 15.9306, 2.6177
YIQ	87.6940, -10.1680, -58.0400

Conversions

Conversions Part 2

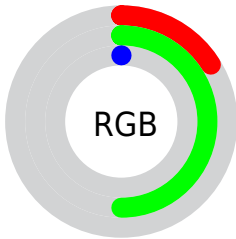
Format	Color
RYB	0, 128, 86
Decimal	2785280
CIELab	46.88, -45.94, 50.70
CIELCh	47, 68.413, 132.181
Yxy	15.9306, 0.3186, 0.5852
Android (android.graphics.Color)	4280975360 (0xFF2A8000)
YUV	87.6940, -43.2331, -40.0736
Hunter-Lab	39.9131, -31.0559, 24.0506

Details

The YUV color **87.6940, -43.2331, -40.0736** is a dark color, and the websafe version is hex **339933**, and the color name is **napier green**. A complement of this color would be **40.3060, 43.2331, 40.0736**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3290, -39.6022, -37.9995**, and **45.1990, -22.2831, -39.6395** is the 20% darker color. If you saturate the color by 10%, you get **87.6940, -43.2331, -40.0736**, and if you desaturate by 10%, it is **91.8670, -38.8814, -35.8404**.

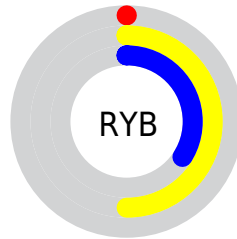
Distribution



Red (16%)

Green (50%)

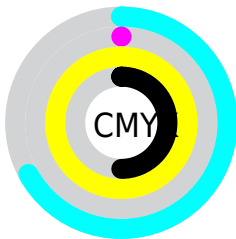
Blue (0%)



Red (0%)

Yellow (50%)

Blue (34%)

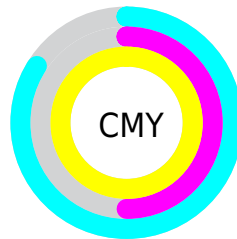


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (84%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6940, -43.2331, -40.0736 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 87.6940, -43.2331, -40.0736 by changing the saturation by 10% instead.

■ 87.6940, -43.2331,
-40.0736

■ 87.6940, -43.2331,
-40.0736

255.0000, 0.0000,
0.0000

■ 59.8740, -29.5179,
-52.5095

■ 144.3290,
-39.6022, -37.9995

■ 45.1990, -22.2831,
-39.6395

■ 172.1010,
-40.4758, -37.7996

■ 31.6980, -15.6271,
-27.7991

■ 199.9870,
-40.9126, -37.6996

■ 18.7840, -9.2605,
-16.4736


■ 221.7150,
-38.3135, -31.3221


■ 0.0000, 0.0000,
0.0000


■ 233.4640,
-30.7948, -16.1929


■ 245.3270,


-22.8392, -1.1638


 251.9220,
-11.7935, 2.6994


 87.6940, -43.2331,
-40.0736

 91.8670, -38.8814,
-35.8404

 95.7410, -34.3823,
-32.2219

 99.8000, -30.4674,
-27.8886

 103.6740,
-25.9683, -24.2701

 107.8470,
-21.6166, -20.0368

■ 112.0200,
-17.2649, -15.8035

■ 115.8940,
-12.7657, -12.1850

■ 119.9530, -8.8508,
-7.8518

■ 123.8270, -4.3517,
-4.2333

Harmonies

Analogous

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



101.8790, -50.2263, 9.7531



87.6940, -43.2331, -40.0736



86.9800, -6.8921, -76.2815

Triad

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



87.6940, -43.2331, -40.0736



99.7430, 59.7797, -87.4746



95.6550, -2.7879, 101.1576

Complementary

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



87.6940, -43.2331, -40.0736



40.3060, 43.2331, 40.0736

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.



103.9400, 21.7216, 79.8596



87.6940, -43.2331, -40.0736



90.8070, 66.1571, -79.6377

Square

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



87.6940, -43.2331, -40.0736



100.6770, 43.0502, -88.2937



113.3380, 41.2454, 24.2596



101.6350, -32.8511, 83.6351

Rectangle

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



87.6940, -43.2331, -40.0736



92.8280, 10.4378, -81.4102



113.3380, 41.2454, 24.2596



96.1630, 6.8216, 98.9580

Sweetspot

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



87.6940, -43.2331, -40.0736



150.1340, -16.8281, -15.9035



88.1670, -43.4663, 34.9335



74.6000, -10.1558, -9.2962



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.



87.6940, -43.2331, -40.0736



113.5880, -55.9989, -52.2587



77.5300, -27.8693, -67.9938



61.7070, -2.3206, -2.3740



0.0000, 0.0000, 0.0000

Inverse Universe

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



40.3060, 43.2331, 40.0736



52.1130, 56.1463, 51.6439



50.4700, 27.8693, 67.9938



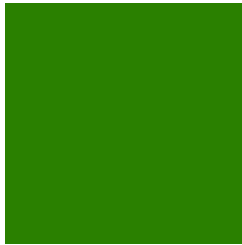
59.2930, 2.3206, 2.3740



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.6940, -43.2331, -40.0736 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 87.6940, -43.2331, -40.0736 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 87.6940, -43.2331, -40.0736

Background



This preview shows how black text looks on a background with the YUV color 87.6940, -43.2331, -40.0736.



This preview shows how white text looks on a background with the YUV color 87.6940, -43.2331, -40.0736.

-40.0736.

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

87.6940, -43.2331, -40.0736

Protanopia

102.5320, -50.5483, 19.7044

Deuteranopia

106.2740, -39.0821, 28.7007



Tritanopia

104.2930, 12.1806, -33.5830

Trichromacy



Original Color

87.6940, -43.2331, -40.0736

Protanomaly

97.0840, -47.8624, -1.8277

Deuteranomaly

99.3650, -40.6059, 4.0649

Tritanomaly

98.0050, -7.8905, -35.9614

Monochromacy



Original Color

87.6940, -43.2331, -40.0736

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0740, -15.8125, -14.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6940, -43.2331, -40.0736 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, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 128, 0)  
}
```

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, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 128, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.6940, -43.2331, -40.0736 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, 128, 0) }
```

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

```
.border{ border-color:rgb(42, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(42, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(42, 128, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.6940, -43.2331, -40.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 128, 0) }
```

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

```
.background{ background-color: rgb(42, 128,  
0) }
```

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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