

Converting Colors

YUV(87.4060, -43.0912,
-38.9441)

Have a look what the booklet for
YUV(87.4060, -43.0912, -38.9441)
contains.

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Color

**YUV(87.4060, -43.0912,
-38.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7F00
RGB	43, 127, 0
RGB Percent	17%, 50%, 0%
CMY	0.8314, 0.5020, 1.0000
CMYK	0.66, 0.00, 1.00, 0.50
HSL	100°, 100%, 25%
HSV	100°, 100%, 50%
XYZ	8.5856, 15.6923, 2.5764
YIQ	87.4060, -9.2970, -57.3050

Conversions

Conversions Part 2

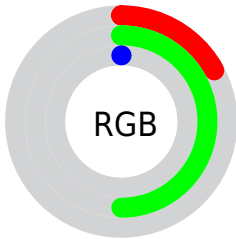
Format	Color
RYB	0, 127, 84
Decimal	2850560
CIELab	46.57, -45.35, 50.46
CIELCh	47, 67.841, 131.946
Yxy	15.6923, 0.3197, 0.5843
Android (android.graphics.Color)	4281040640 (0xFF2B7F00)
YUV	87.4060, -43.0912, -38.9441
Hunter-Lab	39.6136, -30.6366, 23.8733

Details

The YUV color **87.4060, -43.0912, -38.9441** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39.5940, 43.0912, 38.9441**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7420, -39.3128, -37.4847**, and **45.1990, -22.2831, -39.6395** is the 20% darker color. If you saturate the color by 10%, you get **87.4060, -43.0912, -38.9441**, and if you desaturate by 10%, it is **91.2800, -38.5920, -35.3256**.

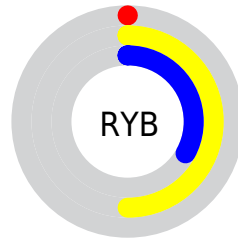
Distribution



Red (17%)

Green (50%)

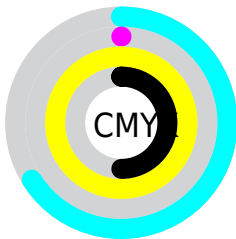
Blue (0%)



Red (0%)

Yellow (50%)

Blue (33%)

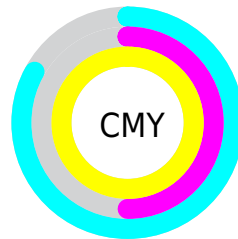


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (83%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4060, -43.0912, -38.9441 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 87.4060, -43.0912, -38.9441 by changing the saturation by 10% instead.

■ 87.4060, -43.0912,
-38.9441

■ 87.4060, -43.0912,
-38.9441

255.0000, 0.0000,
0.0000

■ 59.2870, -29.2285,
-51.9947

■ 143.7420,
-39.3128, -37.4847

■ 45.1990, -22.2831,
-39.6395

■ 171.5140,
-40.1864, -37.2848

■ 31.1110, -15.3377,
-27.2843

■ 199.2860,
-41.0600, -37.0848

■ 18.1970, -8.9711,
-15.9588


■ 221.6010,
-38.7503, -31.2221


■ 0.0000, 0.0000,
0.0000


■ 233.4640,
-30.7948, -16.1929


■ 245.6260,


-22.9866, -0.5490


 251.8080,
-12.2303, 2.7994


 87.4060, -43.0912,
-38.9441

 91.2800, -38.5920,
-35.3256

 95.3390, -34.6771,
-30.9923

 99.2130, -30.1780,
-27.3738

 103.3860,
-25.8263, -23.1405

 107.2600,
-21.3272, -19.5220

■ 111.0200,
-17.2649, -15.8035

■ 115.1930,
-12.9131, -11.5703

■ 119.0670, -8.4140,
-7.9518

■ 123.1260, -4.4991,
-3.6185

Harmonies

Analogous

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



101.2920, -49.9370, 10.2679



87.4060, -43.0912, -38.9441



86.3930, -6.6027, -75.7667

Triad

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



87.4060, -43.0912, -38.9441



98.9280, 59.1955, -86.7599



95.0570, -2.4931, 99.9280

Complementary

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



87.4060, -43.0912, -38.9441



39.5940, 43.0912, 38.9441

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.



103.8150, 21.2902, 78.2152



87.4060, -43.0912, -38.9441



89.9920, 65.5729, -78.9230

Square

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



87.4060, -43.0912, -38.9441



99.8620, 42.4660, -87.5790



112.6260, 41.1034, 23.1300



101.3360, -32.7036, 83.0203

Rectangle

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



87.4060, -43.0912, -38.9441



92.1270, 10.2904, -80.7954



112.6260, 41.1034, 23.1300



95.4510, 6.6797, 97.8285

Sweetspot

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



87.4060, -43.0912, -38.9441



150.4330, -16.9755, -15.2887



86.6940, -42.7401, 35.3484



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.



87.4060, -43.0912, -38.9441



114.1860, -56.2937, -51.0291



76.7150, -28.4535, -67.2791



62.0060, -2.4680, -1.7593



87.9930, -43.3805, -39.4589



0.0000, 0.0000, 0.0000

Inverse Universe

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



39.5940, 43.0912, 38.9441



51.8140, 56.2937, 51.0291



50.2850, 28.4535, 67.2791



59.2930, 2.3206, 2.3740



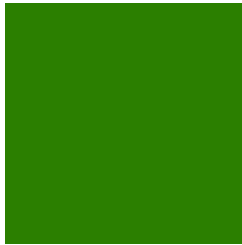
39.7080, 43.5280, 38.8441



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.4060, -43.0912, -38.9441 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 87.4060, -43.0912, -38.9441 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 87.4060, -43.0912, -38.9441

Background



This preview shows how black text looks on a background with the YUV color 87.4060, -43.0912, -38.9441.

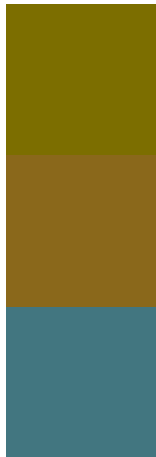


This preview shows how white text looks on a background with the YUV color 87.4060, -43.0912, -38.9441.

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



Protanopia

101.6460, -50.1115, 19.6045

Deuteranopia

105.3880, -38.6453, 28.6007

Tritanopia

103.5920, 12.0331, -32.9682

Trichromacy



Protanomaly

96.4970, -47.5730, -1.3129

Deuteranomaly

98.4790, -40.1691, 3.9649

Tritanomaly

97.6030, -8.1853, -34.7318

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3730, -15.9599, -14.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4060, -43.0912, -38.9441 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, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(43, 127, 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(43, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 127, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.4060, -43.0912, -38.9441 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, 127, 0) }
```

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

```
.border{ border-color:rgb(43, 127, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(43, 127, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 87.4060, -43.0912, -38.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 127, 0) }
```

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

```
.background{ background-color: rgb(43, 127,  
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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