

Converting Colors

YUV(87.4630, -43.1193,
-76.7051)

Have a look what the booklet for
YUV(87.4630, -43.1193, -76.7051)
contains.

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Color

**YUV(87.4630, -43.1193,
-76.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	009500
RGB	0, 149, 0
RGB Percent	0%, 58%, 0%
CMY	1.0000, 0.4157, 1.0000
CMYK	1.00, 0.00, 1.00, 0.42
HSL	120°, 100%, 29%
HSV	120°, 100%, 58%
XYZ	10.7474, 21.4949, 3.5825
YIQ	87.4630, -40.9750, -77.9270

Conversions

Conversions Part 2

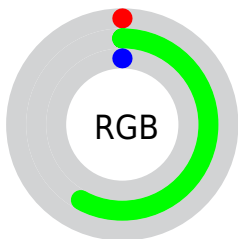
Format	Color
RYB	0, 149, 149
Decimal	38144
CIELab	53.49, -57.73, 55.72
CIELCh	53, 80.232, 136.016
Yxy	21.4949, 0.3000, 0.6000
Android (android.graphics.Color)	4278228224 (0xFF009500)
YUV	87.4630, -43.1193, -76.7051
Hunter-Lab	46.3626, -39.7559, 27.8724

Details

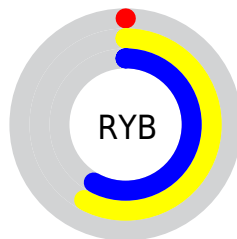
The YUV color **87.4630, -43.1193, -76.7051** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **61.5370, 43.1193, 76.7051**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9260, -41.8685, -57.8171**, and **56.3520, -27.7815, -49.4207** is the 20% darker color. If you saturate the color by 10%, you get **87.4630, -43.1193, -76.7051**, and if you desaturate by 10%, it is **93.6580, -38.7784, -68.9831**.

Distribution



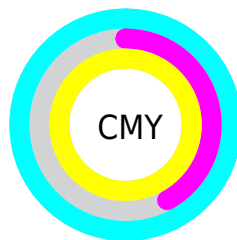
- Red (0%)
- Green (58%)
- Blue (0%)



- Red (0%)
- Yellow (58%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (42%)





- Cyan (100%)
- Magenta (42%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.4630, -43.1193, -76.7051 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 87.4630, -43.1193, -76.7051 by changing the saturation by 10% instead.


 87.4630, -43.1193,
-76.7051


 87.4630, -43.1193,
-76.7051


255.0000, 0.0000,
0.0000


 71.6140, -35.3057,
-62.8055


 153.9260,
-41.8685, -57.8171

 56.3520, -27.7815,
-49.4207


 183.2960,
-43.0369, -56.3876


 41.6770, -20.5468,
-36.5507

 208.2580,
-42.0322, -51.9693

 28.7630, -14.1802,
-25.2252

 220.0070,
-34.5135, -36.8401


 11.7400, -5.7878,
-10.2960


 232.1690,
-26.7053, -21.1962


 0.0000, 0.0000,
0.0000


 244.4450,


-18.4604, -5.6523


 252.8340, -8.2992,
1.8996

 87.4630, -43.1193,
-76.7051

 93.6580, -38.7784,
-68.9831

 99.8530, -34.4375,
-61.2611

 106.0480,
-30.0967, -53.5391

 112.2430,
-25.7558, -45.8171

 118.4380,
-21.4149, -38.0951

■ 124.2200,
-17.3635, -30.8879

■ 130.4150,
-13.0226, -23.1660

■ 136.6100, -8.6817,
-15.4440

■ 142.8050, -4.3409,
-7.7220

Harmonies

Analogous

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



116.0110, -57.1934, 4.3754



87.4630, -43.1193, -76.7051



101.4730, -4.6702, -88.9918

Triad

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



87.4630, -43.1193, -76.7051



114.1850, 69.4218, -100.1402



103.6410, -4.7530, 124.8488

Complementary

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



87.4630, -43.1193, -76.7051



61.5370, 43.1193, 76.7051

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.



112.0170, 25.1346, 105.2251



87.4630, -43.1193, -76.7051



101.8580, 75.4990, -89.3295

Square

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



87.4630, -43.1193, -76.7051



116.8630, 54.2975, -102.4889



129.6310, 47.0169, 39.7886



115.6230, -44.6771, 96.8006

Rectangle

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



87.4630, -43.1193, -76.7051



108.1190, 15.7173, -94.8204



129.6310, 47.0169, 39.7886



100.9800, 7.8979, 127.1825

Sweetspot

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



87.4630, -43.1193, -76.7051



170.0460, -16.7847, -29.8583



132.0140, -65.0829, 14.8967



82.5450, -10.1287, -18.0180



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



87.4630, -43.1193, -76.7051



113.8780, -56.1419, -99.8710



96.0130, -10.3594, -84.2034



71.1090, -2.0257, -3.6036



81.0060, -39.9360, -71.0423



5.8700, -2.8939, -5.1480

Inverse Universe

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



61.5370, 43.1193, 76.7051



80.1220, 56.1419, 99.8710



53.1010, 10.7962, 84.1034



69.8910, 2.0257, 3.6036



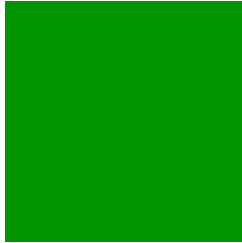
56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 87.4630, -43.1193, -76.7051 looks on a white 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

Black Background



This preview shows how the YUV color 87.4630, -43.1193, -76.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

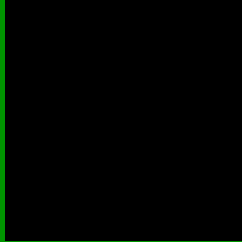
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.4630, -43.1193, -76.7051 Background



This preview shows how black text looks on a background with the YUV color 87.4630, -43.1193, -76.7051.



This preview shows how white text looks on a background with the YUV color 87.4630, -43.1193,

-76.7051.

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

118.1920, -58.2687, 22.6336

Deuteranopia

122.5150, -44.6239, 32.8743

Tritanopia

116.9430, 16.2971, -47.3080

Trichromacy



Protanomaly

107.3400, -52.9186, -13.4532

Deuteranomaly

109.6750, -44.2098, -6.7310

Tritanomaly

106.1440, -5.4940, -58.0083

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2850, -15.9165, -28.3139

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4630, -43.1193, -76.7051 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(0, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 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(0, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.4630, -43.1193, -76.7051 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(0, 149, 0) }
```

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

```
.border{ border-color:rgb(0, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 149, 0); box-shadow:4px  
4px 4px 4px rgb(0, 149, 0) }
```


Background

The CSS property to change the background color of an element to YUV 87.4630, -43.1193, -76.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 0) }
```

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

```
.background{ background-color: rgb(0, 149,  
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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