

Converting Colors

YUV(87.6280, -43.2006,
-50.5398)

Have a look what the booklet for
YUV(87.6280, -43.2006, -50.5398)
contains.

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Color

**YUV(87.6280, -43.2006,
-50.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	1E8600
RGB	30, 134, 0
RGB Percent	12%, 53%, 0%
CMY	0.8824, 0.4745, 1.0000
CMYK	0.78, 0.00, 1.00, 0.47
HSL	107°, 100%, 26%
HSV	107°, 100%, 53%
XYZ	9.0605, 17.3262, 2.8668
YIQ	87.6280, -18.9700, -63.7220

Conversions

Conversions Part 2

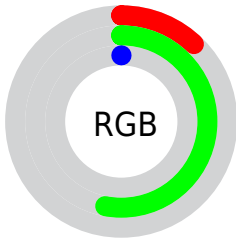
Format	Color
RYB	0, 134, 104
Decimal	2000384
CIELab	48.67, -50.34, 52.00
CIELCh	49, 72.372, 134.070
Yxy	17.3262, 0.3097, 0.5923
Android (android.graphics.Color)	4280190464 (0xFF1E8600)
YUV	87.6280, -43.2006, -50.5398
Hunter-Lab	41.6248, -33.9890, 25.0540

Details

The YUV color **87.6280, -43.2006, -50.5398** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **46.3720, 43.2006, 50.5398**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1710, -40.0173, -44.8770**, and **48.7210, -24.0195, -42.7283** is the 20% darker color. If you saturate the color by 10%, you get **87.6280, -43.2006, -50.5398**, and if you desaturate by 10%, it is **92.1000, -38.9963, -45.6917**.

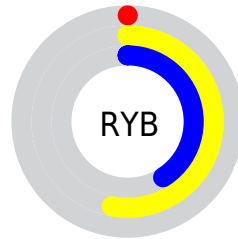
Distribution



Red (12%)

Green (53%)

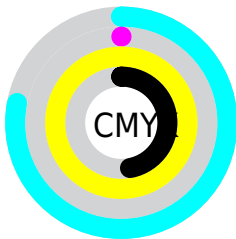
Blue (0%)



Red (0%)

Yellow (53%)

Blue (41%)

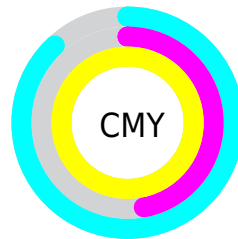


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (88%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6280, -43.2006, -50.5398 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 87.6280, -43.2006, -50.5398 by changing the saturation by 10% instead.

87.6280, -43.2006,
-50.5398

87.6280, -43.2006,
-50.5398

255.0000, 0.0000,
0.0000

63.3960, -31.2542,
-55.5983

146.1710,
-40.0173, -44.8770

48.7210, -24.0195,
-42.7283

174.0570,
-40.4541, -44.7770

34.0460, -16.7847,
-29.8583

202.7150,
-41.7645, -44.4771

21.1320, -10.4181,
-18.5328


220.3340,
-37.1397, -34.4959


0.0000, 0.0000,
0.0000


232.1970,
-29.1841, -19.4668


244.3590,


-21.3760, -3.8228


 252.1500,
-10.9200, 2.4994


 87.6280, -43.2006,
-50.5398

 92.1000, -38.9963,
-45.6917

 96.9850, -34.5026,
-40.3288

 101.4570,
-30.2983, -35.4808

 106.3420,
-25.8046, -30.1179

 110.8140,
-21.6003, -25.2699

■ 115.2860,
-17.3960, -20.4218

■ 120.1710,
-12.9023, -15.0590

■ 124.6430, -8.6980,
-10.2109

■ 129.5280, -4.2043,
-4.8481

Harmonies

Analogous

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



105.7000, -52.1101, 7.2791



87.6280, -43.2006, -50.5398



91.3000, -5.5709, -80.0701

Triad

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



87.6280, -43.2006, -50.5398



104.1600, 64.0111, -91.3483



96.8840, -3.3938, 108.8497

Complementary

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



87.6280, -43.2006, -50.5398



46.3720, 43.2006, 50.5398

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.



105.5220, 22.4207, 88.9962



87.6280, -43.2006, -50.5398



93.8220, 70.0938, -82.2819

Square

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



87.6280, -43.2006, -50.5398



104.9800, 46.8449, -92.0675



117.5390, 43.1183, 30.2223



105.2180, -37.0825, 87.5088

Rectangle

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



87.6280, -43.2006, -50.5398



97.3760, 12.6326, -85.3988



117.5390, 43.1183, 30.2223



96.5170, 6.6471, 108.2946

Sweetspot

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



87.6280, -43.2006, -50.5398



155.1120, -16.8172, -19.3922



100.5270, -49.5598, 29.3558



75.8770, -10.2924, -12.1701



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



87.6280, -43.2006, -50.5398



113.2120, -55.8135, -65.0839



82.7620, -23.0537, -72.5823



63.8210, -1.8838, -2.4740



84.9810, -41.8956, -49.0953



2.0600, -1.0156, -0.9296

Inverse Universe

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



46.3720, 43.2006, 50.5398



60.0870, 55.6661, 65.6987



51.2380, 23.0537, 72.5823



62.1790, 1.8838, 2.4740



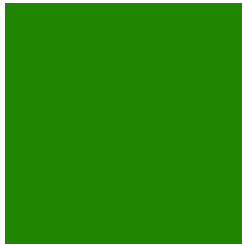
45.0190, 41.8956, 49.0953



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 87.6280, -43.2006, -50.5398 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 87.6280, -43.2006, -50.5398

Background



This preview shows how black text looks on a background with the YUV color 87.6280, -43.2006, -50.5398.



This preview shows how white text looks on a background with the YUV color 87.6280, -43.2006, -50.5398.

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

87.6280, -43.2006, -50.5398

Protanopia

106.3750, -52.4429, 20.7191

Deuteranopia

110.6440, -40.2505, 30.1302



Tritanopia

107.3030, 13.6546, -39.7307

Trichromacy



Original Color

87.6280, -43.2006, -50.5398

Protanomaly

99.7200, -49.1620, -5.0164

Deuteranomaly

102.1150, -41.4687, 0.7761

Tritanomaly

99.8900, -6.8478, -43.7535

Monochromacy



Original Color

87.6280, -43.2006, -50.5398

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0520, -15.8016, -18.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6280, -43.2006, -50.5398 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(30, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(30, 134, 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(30, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 134, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.6280, -43.2006, -50.5398 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(30, 134, 0) }
```


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

```
.border{ border-color:rgb(30, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(30, 134, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.6280, -43.2006, -50.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 134, 0) }
```

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

```
.background{ background-color: rgb(30, 134,  
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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