

Converting Colors

YUV(98.0580, -35.5246,
-85.9969)

Have a look what the booklet for
YUV(98.0580, -35.5246, -85.9969)
contains.

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Color

**YUV(98.0580, -35.5246,
-85.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	00A21A
RGB	0, 162, 26
RGB Percent	0%, 64%, 10%
CMY	1.0000, 0.3647, 0.8980
CMYK	1.00, 0.00, 0.84, 0.36
HSL	130°, 100%, 32%
HSV	130°, 100%, 64%
XYZ	13.1068, 25.9152, 5.2886
YIQ	98.0580, -52.8960, -76.6400

Conversions

Conversions Part 2

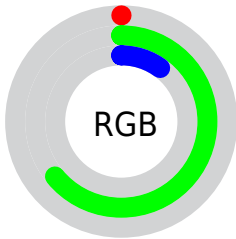
Format	Color
RYB	0, 140, 162
Decimal	41498
CIELab	57.96, -60.46, 54.54
CIElCh	58, 81.424, 137.947
Yxy	25.9152, 0.2958, 0.5849
Android (android.graphics.Color)	4278231578 (0xFF00A21A)
YUV	98.0580, -35.5246, -85.9969
Hunter-Lab	50.9070, -43.1297, 29.4754

Details

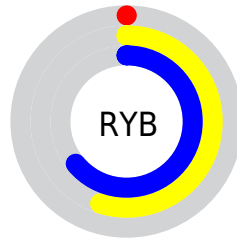
The YUV color **98.0580, -35.5246, -85.9969** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **63.9420, 35.5246, 85.9969**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9360, -40.3944, -63.9649**, and **63.9830, -31.5436, -56.1131** is the 20% darker color. If you saturate the color by 10%, you get **98.0580, -35.5246, -85.9969**, and if you desaturate by 10%, it is **104.4380, -31.7679, -77.5601**.

Distribution



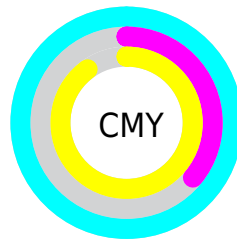
- Red (0%)
- Green (64%)
- Blue (10%)



- Red (0%)
- Yellow (55%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.0580, -35.5246, -85.9969 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 98.0580, -35.5246, -85.9969 by changing the saturation by 10% instead.


 98.0580, -35.5246,
-85.9969


 98.0580, -35.5246,
-85.9969


255.0000, 0.0000,
0.0000


 79.2450, -39.0678,
-69.4979


 164.9360,
-40.3944, -63.9649


 63.9830, -31.5436,
-56.1131


 194.3060,
-41.5629, -62.5354


 48.7210, -24.0195,
-42.7283

 211.0500,
-36.5067, -50.9099

 34.6330, -17.0741,
-30.3731

 223.2120,
-28.6985, -35.2659

 20.5450, -10.1287,
-18.0180

 235.3740,
-20.8904, -19.6220

 0.0000, 0.0000,
0.0000

 247.6500,

-12.6454, -4.0780

254.5440, -1.7472,
0.3999

■ 98.0580, -35.5246,
-85.9969

■ 104.4380,
-31.7679, -77.5601

■ 110.7040,
-28.4481, -69.0234

■ 117.3830,
-24.8388, -59.9719

■ 123.6490,
-21.5190, -51.4352

■ 130.0290,
-17.7623, -42.9984

■ 136.4090,
-14.0056, -34.5617

■ 142.6750,
-10.6858, -26.0250

■ 149.3540, -7.0765,
-16.9735

■ 155.6200, -3.7567,
-8.4367

Harmonies

Analogous

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



125.7350, -61.9874, 1.9864



98.0580, -35.5246, -85.9969



110.8140, -1.8803, -97.1839

Triad

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



98.0580, -35.5246, -85.9969



120.6420, 66.2385, -105.8030



118.1690, -8.9573, 120.0008

Complementary

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



98.0580, -35.5246, -85.9969



63.9420, 35.5246, 85.9969

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.



125.9420, 22.2136, 108.7989



98.0580, -35.5246, -85.9969



118.5030, 67.2930, -70.6011

Square

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



98.0580, -35.5246, -85.9969



125.9590, 58.6872, -110.4660



141.5500, 46.5638, 45.1216



128.1840, -48.8977, 97.1856

Rectangle

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



98.0580, -35.5246, -85.9969



117.6880, 19.3808, -103.2124



141.5500, 46.5638, 45.1216



116.2090, 3.8410, 121.7197

Sweetspot

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



98.0580, -35.5246, -85.9969



186.7080, -14.1530, -33.9469



136.3560, -67.2235, 1.4418



91.9900, -8.3761, -20.1622



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



98.0580, -35.5246, -85.9969



128.3200, -46.4998, -112.5366



107.0640, -1.0176, -93.8951



78.5110, -1.7309, -4.8331



87.7370, -31.9153, -76.9453



10.9080, -3.8986, -9.5663

Inverse Universe

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



63.9420, 35.5246, 85.9969



83.6800, 46.4998, 112.5366



54.9360, 1.0176, 93.8951



76.4890, 1.7309, 4.8331



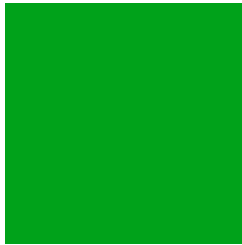
57.2630, 31.9153, 76.9453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 98.0580, -35.5246, -85.9969 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 98.0580, -35.5246, -85.9969 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 98.0580, -35.5246, -85.9969

Background



This preview shows how black text looks on a background with the YUV color 98.0580, -35.5246, -85.9969.



This preview shows how white text looks on a background with the YUV color 98.0580, -35.5246, -85.9969.

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

130.4030, -54.9217, 22.4486

Deuteranopia

133.5260, -44.6293, 34.6187

Tritanopia

127.5510, 17.4764, -52.2262

Trichromacy



Protanomaly

118.3980, -47.5242, -17.0120

Deuteranomaly

120.4620, -41.1468, -9.1752

Tritanomaly

116.7240, -1.8359, -64.6559

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7730, -12.7061, -31.3729

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0580, -35.5246, -85.9969 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, 162, 26)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 26)  
}
```

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, 162, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 26) }
```

Border

The CSS property to change the border of an element to YUV 98.0580, -35.5246, -85.9969 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, 162, 26) }
```

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

```
.border{ border-color:rgb(0, 162, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 26);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 26)  
}
```


Background

The CSS property to change the background color of an element to YUV 98.0580, -35.5246, -85.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 26) }
```

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

```
.background{ background-color: rgb(0, 162,  
26) }
```

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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