

Converting Colors

YUV(99.4460, -40.6459,
-76.6901)

Have a look what the booklet for
YUV(99.4460, -40.6459, -76.6901)
contains.

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Color

**YUV(99.4460, -40.6459,
-76.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA011
RGB	12, 160, 17
RGB Percent	5%, 63%, 7%
CMY	0.9529, 0.3725, 0.9333
CMYK	0.92, 0.00, 0.89, 0.37
HSL	122°, 86%, 34%
HSV	122°, 92%, 63%
XYZ	12.8236, 25.2602, 4.7302
YIQ	99.4460, -42.3050, -75.8490

Conversions

Conversions Part 2

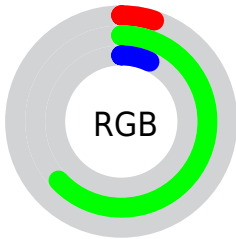
Format	Color
R_{YB}	12, 155, 160
Decimal	827409
CIE _{Lab}	57.33, -59.62, 56.12
CIE _{LCh}	57, 81.882, 136.734
Yxy	25.2602, 0.2995, 0.5900
Android (android.graphics.Color)	4279017489 (0xFF0CA011)
YUV	99.4460, -40.6459, -76.6901
Hunter-Lab	50.2596, -42.4104, 29.6016

Details

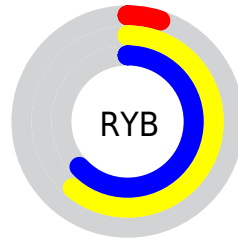
The YUV color **99.4460, -40.6459, -76.6901** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **72.5540, 40.6459, 76.6901**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7900, -42.2945, -61.2058**, and **62.8090, -30.9648, -55.0835** is the 20% darker color. If you saturate the color by 10%, you get **94.4900, -44.1186, -82.8677**, and if you desaturate by 10%, it is **105.9400, -36.4524, -68.3534**.

Distribution



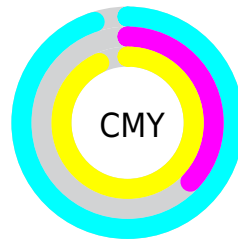
- Red (5%)
- Green (63%)
- Blue (7%)



- Red (5%)
- Yellow (61%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (89%)
- Black (37%)





- Cyan (95%)
- Magenta (37%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.4460, -40.6459, -76.6901 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 99.4460, -40.6459, -76.6901 by changing the saturation by 10% instead.


 99.4460, -40.6459,
-76.6901


 99.4460, -40.6459,
-76.6901


255.0000, 0.0000,
0.0000


 78.0710, -38.4890,
-68.4683


 163.7900,
-42.2945, -61.2058


 62.8090, -30.9648,
-55.0835


 193.1600,
-43.4629, -59.7763


 47.5470, -23.4407,
-41.6987

 211.0780,
-38.9855, -49.1804

 33.4590, -16.4953,
-29.3435

 223.2400,
-31.1773, -33.5365

 19.3710, -9.5499,
-16.9884

 235.4020,
-23.3692, -17.8926

 0.0000, 0.0000,
0.0000

 247.6780,

-15.1243, -2.3486

253.9740, -3.9312,
0.8998

99.4460, -40.6459,
-76.6901

99.4460, -40.6459,
-76.6901

94.4900, -44.1186,
-82.8677

105.9400,
-36.4524, -68.3534

112.5480,
-31.8222, -60.1166

119.0420,
-27.6287, -51.7798

125.6500,
-22.9984, -43.5430

132.1440,
-18.8050, -35.2063

■ 138.7520,
-14.1747, -26.9695

■ 145.2460, -9.9813,
-18.6327

■ 151.8540, -5.3510,
-10.3960

■ 158.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



124.8600, -61.5560, 3.6308



99.4460, -40.6459, -76.6901



109.0700, -3.4855, -95.6544

Triad

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



99.4460, -40.6459, -76.6901



120.0550, 66.5279, -105.2882



114.7610, -6.7842, 122.9896

Complementary

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



99.4460, -40.6459, -76.6901



72.5540, 40.6459, 76.6901

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.



124.0990, 24.1082, 107.7842



99.4460, -40.6459, -76.6901



107.1410, 72.8945, -93.9627

Square

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



99.4460, -40.6459, -76.6901



124.9160, 57.2294, -109.5513



139.5820, 48.0271, 42.4626



125.9500, -47.3034, 99.1448

Rectangle

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



99.4460, -40.6459, -76.6901



115.9440, 17.7756, -101.6829



139.5820, 48.0271, 42.4626



113.3880, 5.7247, 124.1937

Sweetspot

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



99.4460, -40.6459, -76.6901



185.2740, -15.9111, -30.0583



141.6330, -63.9091, 11.7229



90.2460, -9.9813, -18.6327



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.4460, -40.6459, -76.6901



123.4810, -57.4251, -108.2928



107.8820, -8.3228, -84.0885



75.6960, -2.3151, -4.1184



84.5110, -39.1989, -74.1161



8.9190, -3.9041, -7.8220

Inverse Universe

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



72.5540, 40.6459, 76.6901



85.5190, 57.4251, 108.2928



64.1180, 8.3228, 84.0885



74.3040, 2.3151, 4.1184



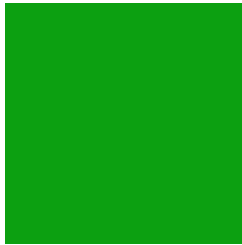
58.4890, 39.1989, 74.1161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 99.4460, -40.6459, -76.6901 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 99.4460, -40.6459, -76.6901 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 99.4460, -40.6459, -76.6901 Background



This preview shows how black text looks on a background with the YUV color 99.4460, -40.6459, -76.6901.



This preview shows how white text looks on a background with the YUV color 99.4460, -40.6459,

-76.6901.

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

99.4460, -40.6459, -76.6901

Protanopia

127.1490, -59.7265, 23.5483

Deuteranopia

132.0700, -46.3765, 35.0186



Tritanopia

126.1490, 17.1815, -50.9967

Trichromacy



Original Color

99.4460, -40.6459, -76.6901



Protanomaly

116.7530, -52.6292, -12.9384



Deuteranomaly

120.2730, -44.5046, -5.5014



Tritanomaly

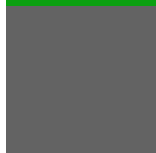
116.5890, -3.7414, -60.1526

Monochromacy



Original Color

99.4460, -40.6459, -76.6901



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.9260, -14.7535, -27.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4460, -40.6459, -76.6901 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(12, 160, 17)` looks like.

```
.text, #text, p{  
    color:rgb(12, 160, 17)  
}
```

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(12, 160, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 160, 17) }
```

Border

The CSS property to change the border of an element to YUV 99.4460, -40.6459, -76.6901 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(12, 160, 17) }
```


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

```
.border{ border-color:rgb(12, 160, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 160, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 160, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 160, 17);  
box-shadow:4px 4px 4px 4px rgb(12, 160,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 99.4460, -40.6459, -76.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 160, 17) }
```

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

```
.background{ background-color: rgb(12, 160,  
17) }
```

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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