

Converting Colors

YUV(91.7440, -19.1008,
-80.4595)

Have a look what the booklet for
YUV(91.7440, -19.1008, -80.4595)
contains.

YUV(91.7440, -19.1008, -80.4595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(91.7440, -19.1008,
-80.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	009235
RGB	0, 146, 53
RGB Percent	0%, 57%, 21%
CMY	1.0000, 0.4275, 0.7922
CMYK	1.00, 0.00, 0.64, 0.43
HSL	142°, 100%, 29%
HSV	142°, 100%, 57%
XYZ	10.9215, 20.8148, 6.8102
YIQ	91.7440, -57.1630, -59.8750

Conversions

Conversions Part 2

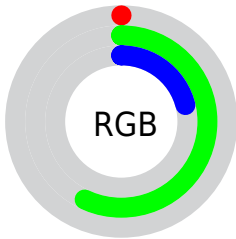
Format	Color
RYB	0, 107, 146
Decimal	37429
CIELab	52.75, -53.24, 39.14
CIELCh	53, 66.077, 143.679
Yxy	20.8148, 0.2833, 0.5400
Android (android.graphics.Color)	4278227509 (0xFF009235)
YUV	91.7440, -19.1008, -80.4595
Hunter-Lab	45.6233, -37.1106, 23.0860

Details

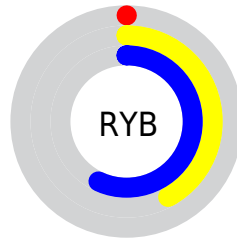
The YUV color **91.7440, -19.1008, -80.4595** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **54.2560, 19.1008, 80.4595**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1440, -25.7070, -61.5163**, and **55.1780, -27.2028, -48.3911** is the 20% darker color. If you saturate the color by 10%, you get **91.7440, -19.1008, -80.4595**, and if you desaturate by 10%, it is **97.2550, -17.3807, -72.1376**.

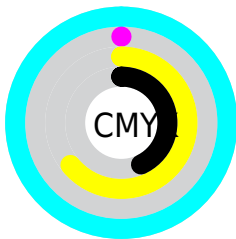
Distribution



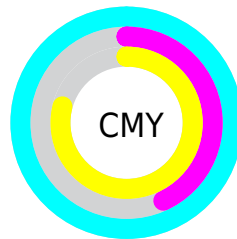
- Red (0%)
- Green (57%)
- Blue (21%)



- Red (0%)
- Yellow (42%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7440, -19.1008, -80.4595 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 91.7440, -19.1008, -80.4595 by changing the saturation by 10% instead.

■ 91.7440, -19.1008,
-80.4595

■ 91.7440, -19.1008,
-80.4595

255.0000, 0.0000,
0.0000

■ 73.0450, -22.2072,
-64.0605

■ 155.1440,
-25.7070, -61.5163

■ 55.1780, -27.2028,
-48.3911

■ 184.1010,
-27.1648, -60.6016

■ 40.5030, -19.9680,
-35.5211

■ 210.5250,
-26.8808, -58.3424

■ 27.5890, -13.6014,
-24.1956

■ 222.2740,
-19.3621, -43.2133

■ 9.9790, -4.9196,
-8.7516

■ 234.4360,
-11.5539, -27.5694

■ 0.0000, 0.0000,
0.0000

■ 246.4130, -3.1616,

-12.6402

■ 91.7440, -19.1008,
-80.4595

■ 97.2550, -17.3807,
-72.1376

■ 102.5810,
-15.0764, -64.5305

■ 108.0920,
-13.3564, -56.2087

■ 113.3040,
-11.4889, -48.5016

■ 118.9290, -9.3320,
-40.2797

■ 124.4400, -7.6119,
-31.9579

■ 129.6520, -5.7444,
-24.2508

■ 135.1630, -4.0244,
-15.9290

■ 140.4890, -1.7201,
-8.3219

Harmonies

Analogous

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



112.1240, -55.2771, -3.6167



91.7440, -19.1008, -80.4595



101.4050, 5.2233, -88.9322

Triad

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



91.7440, -19.1008, -80.4595



107.0780, 65.0375, -93.9074



117.0550, -16.2961, 93.7908

Complementary

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



91.7440, -19.1008, -80.4595



54.2560, 19.1008, 80.4595

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.



119.8950, 9.9118, 87.7921



91.7440, -19.1008, -80.4595



123.4290, 53.0325, -23.1782

Square

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



91.7440, -19.1008, -80.4595



111.0270, 52.2447, -97.3707



128.1900, 32.4443, 47.1914



119.6970, -43.7276, 72.1797

Rectangle

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



91.7440, -19.1008, -80.4595



106.4380, 21.9691, -93.3461



128.1900, 32.4443, 47.1914



116.7700, -7.2816, 95.7947

Sweetspot

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



91.7440, -19.1008, -80.4595



167.8530, -7.3225, -31.4431



114.1070, -56.2548, -16.7568



81.4400, -4.1609, -18.8029



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



91.7440, -19.1008, -80.4595



118.8090, -24.5558, -104.1955



99.8380, 11.9119, -87.5579



71.3370, -1.1521, -3.8035



86.7060, -18.0961, -76.0412



6.3260, -1.1467, -5.5479

Inverse Universe

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



54.2560, 19.1008, 80.4595



70.1910, 24.5558, 104.1955



46.1620, -11.9119, 87.5579



69.5490, 0.7153, 3.9035



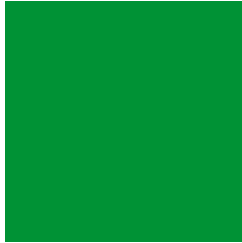
51.2940, 18.0961, 76.0412



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 91.7440, -19.1008, -80.4595 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 91.7440, -19.1008, -80.4595 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 91.7440, -19.1008, -80.4595

Background



This preview shows how black text looks on a background with the YUV color 91.7440, -19.1008, -80.4595.



This preview shows how white text looks on a background with the YUV color 91.7440, -19.1008,

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

120.5930, -36.2813, 17.0199

Deuteranopia

122.8530, -30.4935, 27.3159

Tritanopia

114.9320, 16.3025, -49.0524

Trichromacy



Protanomaly

110.2680, -30.2051, -18.6520

Deuteranomaly

111.6370, -26.4430, -11.9596

Tritanomaly

106.4240, 3.2420, -60.0078

Monochromacy



Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2770, -7.0386, -29.1839

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7440, -19.1008, -80.4595 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, 146, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 53)  
}
```

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, 146, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 53) }
```

Border

The CSS property to change the border of an element to YUV 91.7440, -19.1008, -80.4595 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, 146, 53) }
```

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

```
.border{ border-color:rgb(0, 146, 53) }
```

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

Here you see how a box with a 4 pixel rgb(0, 146, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 53);  
box-shadow:4px 4px 4px 4px rgb(0, 146, 53)  
}
```


Background

The CSS property to change the background color of an element to YUV 91.7440, -19.1008, -80.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 53) }
```

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

```
.background{ background-color: rgb(0, 146,  
53) }
```

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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