

Converting Colors

YUV(89.2190, -26.2370,
-78.2451)

Have a look what the booklet for
YUV(89.2190, -26.2370, -78.2451)
contains.

YUV(89.2190, -26.2370, -78.2451)	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(89.2190, -26.2370,
-78.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	009124
RGB	0, 145, 36
RGB Percent	0%, 57%, 14%
CMY	1.0000, 0.4314, 0.8588
CMYK	1.00, 0.00, 0.75, 0.43
HSL	135°, 100%, 28%
HSV	135°, 100%, 57%
XYZ	10.4438, 20.3782, 5.0520
YIQ	89.2190, -51.4310, -64.6390

Conversions

Conversions Part 2

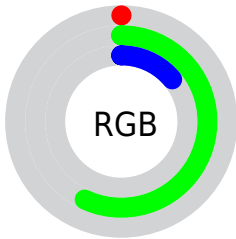
Format	Color
RYB	0, 116, 145
Decimal	37156
CIELab	52.26, -54.75, 45.83
CIELCh	52, 71.397, 140.070
Yxy	20.3782, 0.2911, 0.5680
Android (android.graphics.Color)	4278227236 (0xFF009124)
YUV	89.2190, -26.2370, -78.2451
Hunter-Lab	45.1422, -37.7021, 24.9642

Details

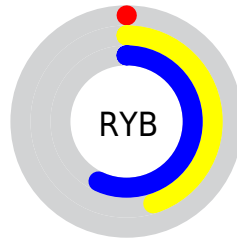
The YUV color **89.2190, -26.2370, -78.2451** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **55.7810, 26.2370, 78.2451**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1460, -32.1170, -58.8870**, and **54.5910, -26.9134, -47.8763** is the 20% darker color. If you saturate the color by 10%, you get **89.2190, -26.2370, -78.2451**, and if you desaturate by 10%, it is **94.6590, -23.4959, -70.7379**.

Distribution



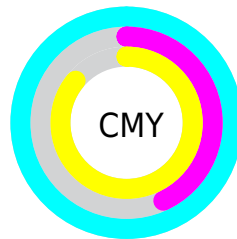
- Red (0%)
- Green (57%)
- Blue (14%)



- Red (0%)
- Yellow (45%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)





- Cyan (100%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.2190, -26.2370, -78.2451 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 89.2190, -26.2370, -78.2451 by changing the saturation by 10% instead.


 89.2190, -26.2370,
-78.2451


 89.2190, -26.2370,
-78.2451


255.0000, 0.0000,
0.0000


 69.6080, -32.8377,
-61.0462


 153.1460,
-32.1170, -58.8870


 54.5910, -26.9134,
-47.8763


 182.1030,
-33.5748, -57.9723


 39.9160, -19.6786,
-35.0063

 209.1140,
-33.5802, -56.2280

 27.0020, -13.3120,
-23.6808

 220.8630,
-26.0615, -41.0989

 8.8050, -4.3409,
-7.7220

 233.0250,
-18.2533, -25.4549

 0.0000, 0.0000,
0.0000

 244.8880,

-10.2978, -10.4258

254.8860, -0.4368,
0.1000

■ 89.2190, -26.2370,
-78.2451

■ 94.6590, -23.4959,
-70.7379

■ 100.3980,
-20.9022, -62.6160

■ 106.1370,
-18.3085, -54.4941

■ 111.5770,
-15.5675, -46.9870

■ 117.3160,
-12.9738, -38.8651

■ 122.6420,
-10.6695, -31.2580

■ 128.3810, -8.0758,
-23.1361

■ 133.8210, -5.3348,
-15.6290

■ 139.5600, -2.7411,
-7.5071

Harmonies

Analogous

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



112.1460, -55.2880, -0.1280



89.2190, -26.2370, -78.2451



99.6780, 1.1447, -87.4176

Triad

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



89.2190, -26.2370, -78.2451



109.0500, 67.5163, -95.6368



111.5600, -12.1081, 103.8719

Complementary

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



89.2190, -26.2370, -78.2451



55.7810, 26.2370, 78.2451

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.



115.5350, 16.0052, 93.3698



89.2190, -26.2370, -78.2451



116.1860, 61.5333, -43.1361

Square

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



89.2190, -26.2370, -78.2451



111.7280, 52.3921, -97.9855



126.6610, 38.1281, 44.1473



116.0510, -43.9021, 81.5163

Rectangle

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



89.2190, -26.2370, -78.2451



105.6400, 18.9115, -92.6463



126.6610, 38.1281, 44.1473



110.6170, -1.7832, 105.5759

Sweetspot

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



89.2190, -26.2370, -78.2451



167.0550, -10.3801, -30.7432



118.3040, -58.3239, -6.4056



80.9840, -5.9081, -18.4030



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.



89.2190, -26.2370, -78.2451



116.3010, -34.1654, -101.9960



97.1990, 4.3389, -85.2435



68.3370, -1.1521, -3.8035



83.1210, -24.2167, -72.8971



4.9240, -1.4415, -4.3183

Inverse Universe

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



55.7810, 26.2370, 78.2451



72.6990, 34.1654, 101.9960



47.8010, -4.3389, 85.2435



66.7770, 1.5889, 3.7036



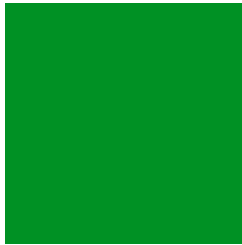
51.9930, 24.6535, 72.7971



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 89.2190, -26.2370, -78.2451 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 89.2190, -26.2370, -78.2451 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 89.2190, -26.2370, -78.2451 Background



This preview shows how black text looks on a background with the YUV color 89.2190, -26.2370, -78.2451.



This preview shows how white text looks on a background with the YUV color 89.2190, -26.2370,

-78.2451.

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

117.8830, -42.8333, 18.5196

Deuteranopia

120.9690, -36.4667, 29.8452

Tritanopia

113.8290, 15.8603, -47.2080

Trichromacy



Protanomaly

107.5580, -36.7571, -17.1524

Deuteranomaly

109.6390, -32.8530, -9.3304

Tritanomaly

105.0390, 0.4738, -58.7932

Monochromacy



Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0060, -9.3700, -28.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2190, -26.2370, -78.2451 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, 145, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 36)  
}
```

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, 145, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 36) }
```

Border

The CSS property to change the border of an element to YUV 89.2190, -26.2370, -78.2451 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, 145, 36) }
```

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

```
.border{ border-color:rgb(0, 145, 36) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 36);  
box-shadow:4px 4px 4px 4px rgb(0, 145, 36)  
}
```


Background

The CSS property to change the background color of an element to YUV 89.2190, -26.2370, -78.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 36) }
```

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

```
.background{ background-color: rgb(0, 145,  
36) }
```

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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