

Converting Colors

YUV(80.0900, -20.2574,
-36.0359)

Have a look what the booklet for
YUV(80.0900, -20.2574, -36.0359)
contains.

YUV(80.0900, -20.2574, -36.0359)	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>	31

Color

**YUV(80.0900, -20.2574,
-36.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	276D27
RGB	39, 109, 39
RGB Percent	15%, 43%, 15%
CMY	0.8471, 0.5725, 0.8471
CMYK	0.64, 0.00, 0.64, 0.57
HSL	120°, 47%, 29%
HSV	120°, 64%, 43%
XYZ	6.6715, 11.5151, 3.7905
YIQ	80.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

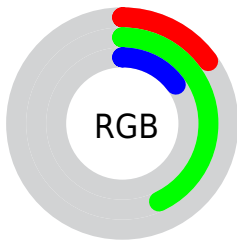
Format	Color
R_{YB}	39, 109, 109
Decimal	2583847
CIE _{Lab}	40.43, -37.00, 32.00
CIE _{LCh}	40, 48.917, 139.148
Yxy	11.5151, 0.3036, 0.5240
Android (android.graphics.Color)	4280773927 (0xFF276D27)
YUV	80.0900, -20.2574, -36.0359
Hunter-Lab	33.9339, -24.2905, 17.1310

Details

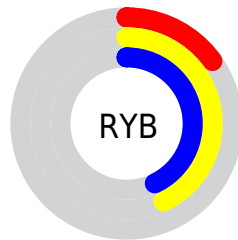
The YUV color **80.0900, -20.2574, -36.0359** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67.9100, 20.2574, 36.0359**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2320, -22.2994, -34.4065**, and **35.2200, -17.3635, -30.8879** is the 20% darker color. If you saturate the color by 10%, you get **75.5470, -23.4407, -41.6987**, and if you desaturate by 10%, it is **84.6330, -17.0741, -30.3731**.

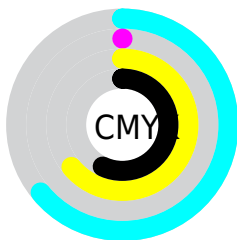
Distribution



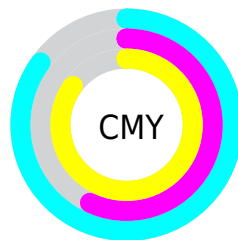
- Red (15%)
- Green (43%)
- Blue (15%)



- Red (15%)
- Yellow (43%)
- Blue (43%)



- Cyan (64%)
- Magenta (0%)
- Yellow (64%)
- Black (57%)





- Cyan (85%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0900, -20.2574, -36.0359 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 80.0900, -20.2574, -36.0359 by changing the saturation by 10% instead.


 80.0900, -20.2574,
-36.0359


 80.0900, -20.2574,
-36.0359


255.0000, 0.0000,
0.0000


 51.9150, -18.1991,
-42.8985


 132.2320,
-22.2994, -34.4065


 35.2200, -17.3635,
-30.8879

 159.5910,
-23.4624, -34.7213


 22.8930, -11.2862,
-20.0772

 187.0640,
-24.1886, -35.1361

 1.7610, -0.8682,
-1.5444

 214.6510,
-24.4779, -35.6509

 0.0000, 0.0000,
0.0000

 232.2700,
-19.8531, -25.6698

 243.8340,

-11.7502, -11.2554

254.3160, -2.6208,
0.5999

■ 80.0900, -20.2574,
-36.0359

■ 80.0900, -20.2574,
-36.0359

■ 75.5470, -23.4407,
-41.6987

■ 84.6330, -17.0741,
-30.3731

■ 71.0040, -26.6240,
-47.3615

■ 89.1760, -13.8908,
-24.7104

■ 66.4610, -29.8073,
-53.0243

■ 93.7190, -10.7075,
-19.0476

■ 63.9830, -31.5436,
-56.1131

■ 98.2620, -7.5242,
-13.3848

■ 102.8050, -4.3409,
-7.7220

■ 106.9350, -1.4470,
-2.5740

■ 111.4780, 1.7363,
3.0888

■ 116.0210, 4.9196,
8.7516

■ 120.5640, 8.1029,
14.4144

Harmonies

Analogous

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



86.4250, -41.6215, 3.1353



80.0900, -20.2574, -36.0359



75.3370, 1.8059, -66.0705

Triad

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



80.0900, -20.2574, -36.0359



80.8840, 45.9062, -70.9353



91.6000, -9.6628, 66.1258

Complementary

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



80.0900, -20.2574, -36.0359



67.9100, 20.2574, 36.0359

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.



94.0670, 8.8410, 57.8232



80.0900, -20.2574, -36.0359



92.0470, 38.9238, -24.5972

Square

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



80.0900, -20.2574, -36.0359



82.8270, 35.5813, -72.6393



98.2940, 24.5051, 26.9292



91.7130, -27.9595, 54.6257

Rectangle

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



80.0900, -20.2574, -36.0359



79.1160, 13.7468, -69.3847



98.2940, 24.5051, 26.9292



91.3210, -3.1163, 66.3705

Sweetspot

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



80.0900, -20.2574, -36.0359



131.8490, -7.8136, -13.8996



101.0200, -30.5759, 6.9985



64.3920, -4.6303, -8.2368



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.0900, -20.2574, -36.0359



97.5700, -31.8330, -56.6279



84.0800, -4.9694, -39.5352



51.5220, -1.7363, -3.0888



68.6790, -33.8587, -60.2315



143.8150, -70.9008, -126.1258

Inverse Universe

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



67.9100, 20.2574, 36.0359



78.4300, 31.8330, 56.6279



63.9200, 4.9694, 39.5352



50.4780, 1.7363, 3.0888



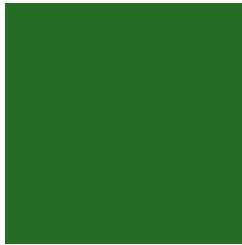
48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 80.0900, -20.2574, -36.0359 looks on a white background.

Color Contrast Check

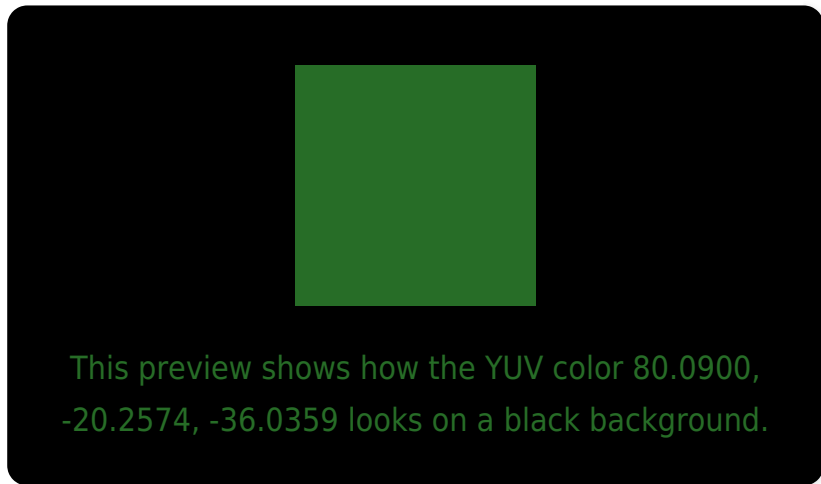
Large Text (above 18pt) WCAG AA ✓ Pass

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

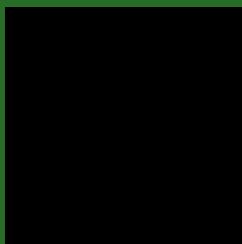
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.0900, -20.2574, -36.0359

Background



This preview shows how black text looks on a background with the YUV color 80.0900, -20.2574, -36.0359.



This preview shows how white text looks on a background with the YUV color 80.0900, -20.2574,

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

80.0900, -20.2574, -36.0359

Protanopia

91.4490, -27.8294, 12.7612

Deuteranopia

92.9430, -23.6359, 21.0980



Tritanopia

89.4570, 10.1277, -28.4648

Trichromacy



Original Color

80.0900, -20.2574, -36.0359

Protanomaly

87.3220, -25.3017, -4.6674

Deuteranomaly

88.4520, -22.4078, 0.4806

Tritanomaly

86.1610, -1.0654, -31.7132

Monochromacy



Original Color

80.0900, -20.2574, -36.0359

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0900, -20.2574, -36.0359 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(39, 109, 39)` looks like.

```
.text, #text, p{  
    color:rgb(39, 109, 39)  
}
```

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(39, 109, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 109, 39) }
```

Border

The CSS property to change the border of an element to YUV 80.0900, -20.2574, -36.0359 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(39, 109, 39) }
```


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

```
.border{ border-color:rgb(39, 109, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 109, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 109, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 109, 39);  
box-shadow:4px 4px 4px 4px rgb(39, 109,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 80.0900, -20.2574, -36.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 109, 39) }
```

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

```
.background{ background-color: rgb(39, 109,  
39) }
```

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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