

Converting Colors

YUV(59.6980, -15.6271,
-27.7991)

Have a look what the booklet for
YUV(59.6980, -15.6271, -27.7991)
contains.

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Color

**YUV(59.6980, -15.6271,
-27.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	1C521C
RGB	28, 82, 28
RGB Percent	11%, 32%, 11%
CMY	0.8902, 0.6784, 0.8902
CMYK	0.66, 0.00, 0.66, 0.68
HSL	120°, 49%, 22%
HSV	120°, 66%, 32%
XYZ	3.7058, 6.3653, 2.1319
YIQ	59.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

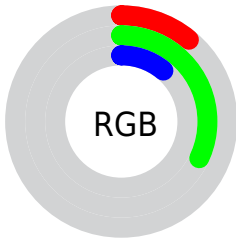
Format	Color
RYB	28, 82, 82
Decimal	1856028
CIELab	30.32, -30.09, 25.95
CIElCh	30, 39.737, 139.229
Yxy	6.3653, 0.3037, 0.5216
Android (android.graphics.Color)	4280046108 (0xFF1C521C)
YUV	59.6980, -15.6271, -27.7991
Hunter-Lab	25.2296, -17.9332, 12.6506

Details

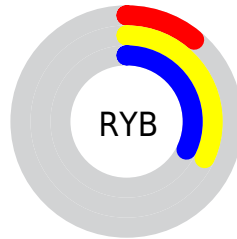
The YUV color **59.6980, -15.6271, -27.7991** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.3020, 15.6271, 27.7991**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5410, -17.5217, -26.7845**, and **21.7190, -10.7075, -19.0476** is the 20% darker color. If you saturate the color by 10%, you get **56.3940, -17.9422, -31.9175**, and if you desaturate by 10%, it is **63.0020, -13.3120, -23.6808**.

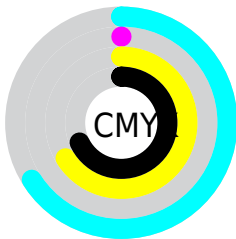
Distribution



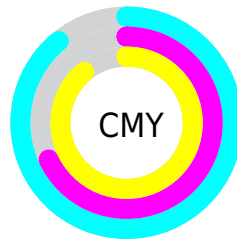
- Red (11%)
- Green (32%)
- Blue (11%)



- Red (11%)
- Yellow (32%)
- Blue (32%)



- Cyan (66%)
- Magenta (0%)
- Yellow (66%)
- Black (68%)



- Cyan (89%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6980, -15.6271, -27.7991 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 59.6980, -15.6271, -27.7991 by changing the saturation by 10% instead.

■ 59.6980, -15.6271,
-27.7991

■ 59.6980, -15.6271,
-27.7991

255.0000, 0.0000,
0.0000

■ 34.5020, -15.0375,
-30.2583

■ 109.5410,
-17.5217, -26.7845

■ 21.7190, -10.7075,
-19.0476

■ 135.3130,
-18.3953, -26.5845

■ 1.1740, -0.5788,
-1.0296

■ 162.3730,
-19.4109, -27.5141

■ 0.0000, 0.0000,
0.0000

■ 189.3730,
-19.4109, -27.5141

■ 217.4330,
-20.4265, -28.4437

■ 236.6280,

-16.0856, -20.7218

■ 248.4910, -8.1301,
-5.6926

■ 59.6980, -15.6271,
-27.7991

■ 59.6980, -15.6271,
-27.7991

■ 56.3940, -17.9422,
-31.9175

■ 63.0020, -13.3120,
-23.6808

■ 53.0900, -20.2574,
-36.0359

■ 66.3060, -10.9969,
-19.5624

■ 49.3730, -22.8619,
-40.6691

■ 70.0230, -8.3923,
-14.9292

■ 48.1340, -23.7301,
-42.2135

■ 73.3270, -6.0772,
-10.8108

■ 76.6310, -3.7621,
-6.6924

■ 79.9350, -1.4470,
-2.5740

■ 83.2390, 0.8682,
1.5444

■ 86.9560, 3.4727,
6.1776

■ 90.2600, 5.7878,
10.2960

Harmonies

Analogous

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



65.1720, -31.1438, 2.4802



59.6980, -15.6271, -27.7991



56.6210, 1.1728, -49.6566

Triad

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



59.6980, -15.6271, -27.7991



60.8340, 35.0848, -53.3514



68.6690, -7.7248, 51.1563

Complementary

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



59.6980, -15.6271, -27.7991



50.3020, 15.6271, 27.7991

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.



70.4090, 6.7004, 44.3683



59.6980, -15.6271, -27.7991



69.0880, 30.0296, -18.4942

Square

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



59.6980, -15.6271, -27.7991



62.7600, 27.2333, -55.0405



73.4690, 18.9958, 20.6367



68.9440, -21.6644, 42.1451

Rectangle

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



59.6980, -15.6271, -27.7991



59.6020, 10.0562, -52.2710



73.4690, 18.9958, 20.6367



68.6350, -2.7781, 51.1861

Sweetspot

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



59.6980, -15.6271, -27.7991



98.3270, -6.0772, -10.8108



75.8440, -23.5871, 5.3988



48.6310, -3.7621, -6.6924



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



59.6980, -15.6271, -27.7991



71.8950, -24.5982, -43.7579



62.7760, -3.8336, -30.4986



39.3480, -1.1576, -2.0592



61.6350, -30.3861, -54.0539



136.1840, -67.1387, -119.4334

Inverse Universe

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



50.3020, 15.6271, 27.7991



57.1050, 24.5982, 43.7579



47.2240, 3.8336, 30.4986



38.6520, 1.1576, 2.0592



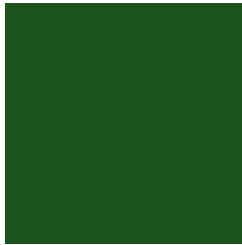
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 59.6980, -15.6271, -27.7991 looks on a white background.

Color Contrast Check

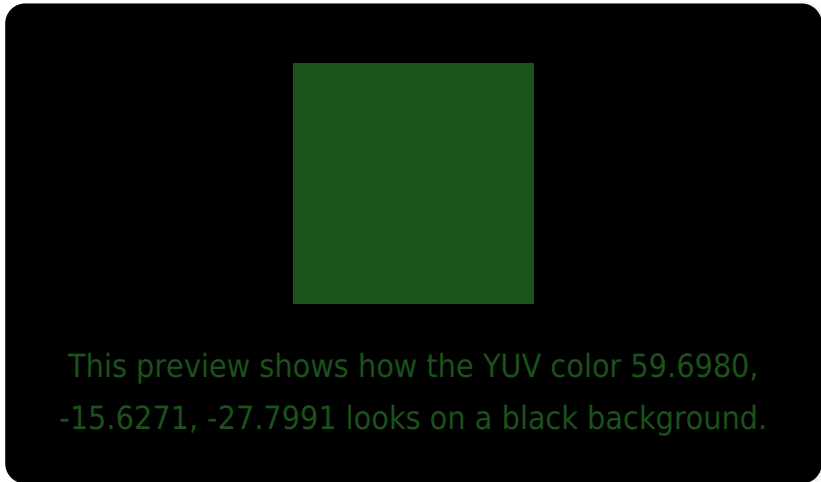
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.6980, -15.6271, -27.7991 Background



This preview shows how black text looks on a background with the YUV color 59.6980, -15.6271, -27.7991.



This preview shows how white text looks on a background with the YUV color 59.6980, -15.6271, -27.7991.

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

59.6980, -15.6271, -27.7991

Protanopia

68.4470, -21.4194, 10.1320

Deuteranopia

69.9900, -18.2361, 15.7948



Tritanopia

67.2190, 7.7800, -22.1171

Trichromacy



Original Color

59.6980, -15.6271, -27.7991

Protanomaly

65.2280, -19.3394, -3.7080

Deuteranomaly

66.1190, -17.3137, -0.1044

Tritanomaly

64.6180, -0.7977, -24.2210

Monochromacy



Original Color

59.6980, -15.6271, -27.7991

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7400, -5.7878, -10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6980, -15.6271, -27.7991 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(28, 82, 28)` looks like.

```
.text, #text, p{  
    color:rgb(28, 82, 28)  
}
```

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(28, 82, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 82, 28) }
```

Border

The CSS property to change the border of an element to YUV 59.6980, -15.6271, -27.7991 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(28, 82, 28) }
```


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

```
.border{ border-color:rgb(28, 82, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 82, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 82, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 82, 28);  
box-shadow:4px 4px 4px 4px rgb(28, 82, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.6980, -15.6271, -27.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 82, 28) }
```

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

```
.background{ background-color: rgb(28, 82,  
28) }
```

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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