

Converting Colors

YUV(29.8660, 63.6631,
-26.1925)

Have a look what the booklet for
YUV(29.8660, 63.6631, -26.1925)
contains.

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Color

**YUV(29.8660, 63.6631,
-26.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	00149F
RGB	0, 20, 159
RGB Percent	0%, 8%, 62%
CMY	1.0000, 0.9216, 0.3765
CMYK	1.00, 0.87, 0.00, 0.38
HSL	232°, 100%, 31%
HSV	232°, 100%, 62%
XYZ	6.5082, 3.0035, 33.0376
YIQ	29.8660, -56.5390, 38.9890

Conversions

Conversions Part 2

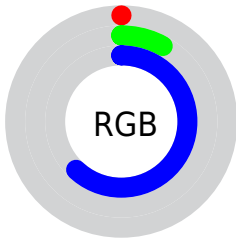
Format	Color
RYB	0, 18, 159
Decimal	5279
CIELab	20.06, 49.13, -72.22
CIELCh	20, 87.353, 304.226
Yxy	3.0035, 0.1530, 0.0706
Android (android.graphics.Color)	4278195359 (0xFF00149F)
YUV	29.8660, 63.6631, -26.1925
Hunter-Lab	17.3307, 36.7033, -100.8937

Details

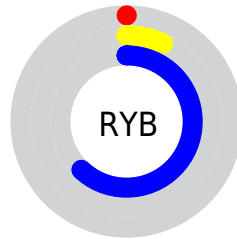
The YUV color **29.8660, 63.6631, -26.1925** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **129.1340, -63.6631, 26.1925**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.6350, 60.8189, -0.5569**, and **12.0840, 46.3006, -10.5977** is the 20% darker color. If you saturate the color by 10%, you get **29.8660, 63.6631, -26.1925**, and if you desaturate by 10%, it is **42.8680, 57.2531, -23.5632**.

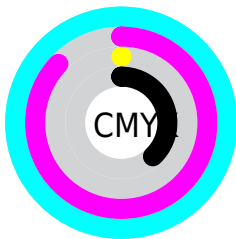
Distribution



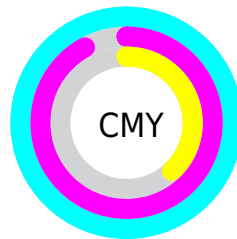
- Red (0%)
- Green (8%)
- Blue (62%)



- Red (0%)
- Yellow (7%)
- Blue (62%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (92%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8660, 63.6631, -26.1925 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 29.8660, 63.6631, -26.1925 by changing the saturation by 10% instead.

■ 29.8660, 63.6631,
-26.1925

■ 29.8660, 63.6631,
-26.1925

■ 255.0000, 0.0000,
0.0000

■ 15.0480, 57.6573,
-13.1971

■ 91.6350, 60.8189,
-0.5569

■ 12.0840, 46.3006,
-10.5977

■ 118.8850, 61.6817,
2.7319

■ 12.7560, 33.6443,
-11.1870

■ 143.7840, 54.8295,
7.2054

■ 9.4330, 23.4505,
-8.2727

■ 168.0160, 42.8831,
12.2640

■ 5.0500, 14.2723,
-4.4289

■ 193.1340, 30.4999,
17.4225

■ 0.9120, 3.4944,
-0.7998

■ 218.5400, 17.9748,

■ 0.0000, 0.0000,

21.4514

0.0000

■ 238.5640, 8.1029,
14.4144

■ 29.8660, 63.6631,
-26.1925

■ 42.8680, 57.2531,
-23.5632

■ 55.8700, 50.8431,
-20.9340

■ 68.8720, 44.4331,
-18.3047

■ 81.8740, 38.0231,
-15.6755

■ 94.8760, 31.6131,
-13.0463

■ 106.9920, 25.6399,
-10.5170

■ 119.9940, 19.2300,
-7.8877

■ 132.9960, 12.8200,
-5.2585

■ 145.9980, 6.4100,
-2.6292

Harmonies

Analogous

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



55.4950, 62.8600, -48.6691



29.8660, 63.6631, -26.1925



49.1600, 28.0221, 65.6347

Triad

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



29.8660, 63.6631, -26.1925



36.3680, -17.9294, 57.5593



46.4140, 5.2189, -40.7051

Complementary

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



29.8660, 63.6631, -26.1925



129.1340, -63.6631, 26.1925

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.



38.7420, -19.0998, -33.9767



29.8660, 63.6631, -26.1925



45.1970, -22.2821, 6.8432

Square

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



29.8660, 63.6631, -26.1925



40.6640, -20.0474, 83.6097



36.3940, -17.9422, -31.9175



54.8840, 32.5952, -48.1333

Rectangle

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



29.8660, 63.6631, -26.1925



50.3520, 6.7285, 82.1293



36.3940, -17.9422, -31.9175



43.7920, -4.8275, -38.4056

Sweetspot

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



29.8660, 63.6631, -26.1925



156.1770, 25.0557, -9.8022



109.0650, 14.2650, -95.6500



74.2670, 15.1514, -6.3732



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.



29.8660, 63.6631, -26.1925



38.8600, 82.8930, -34.0802



35.4680, 60.9013, 19.7606



72.4990, 3.2050, -1.3146



26.8680, 57.2531, -23.5632



2.8840, 5.9732, -2.5293

Inverse Universe

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



49.8210, -14.7018, 95.7500



64.8570, -19.1565, 124.6594



123.5320, -60.9013, -19.7606



73.5060, -0.7425, 4.8182



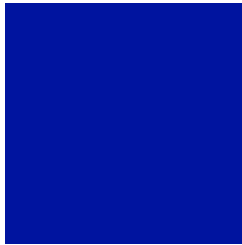
44.8090, -13.2168, 86.1135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 29.8660, 63.6631, -26.1925 looks on a white background.

Color Contrast Check

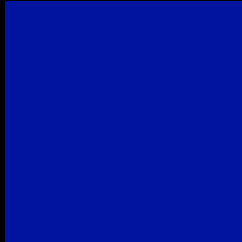
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 29.8660, 63.6631, -26.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

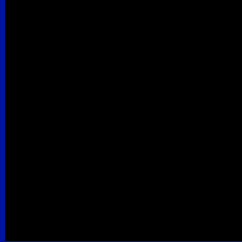
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8660, 63.6631, -26.1925

Background



This preview shows how black text looks on a background with the YUV color 29.8660, 63.6631, -26.1925.



This preview shows how white text looks on a background with the YUV color 29.8660, 63.6631,

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

40.3910, 30.3732, -35.4229

Deuteranopia

40.3280, 22.5163, -35.3677

Tritanopia

39.4840, 9.1284, -34.6275

Trichromacy



Protanomaly

36.3280, 42.7293, -31.8597

Deuteranomaly

36.3620, 37.7825, -31.8895

Tritanomaly

36.0710, 29.0520, -31.6343

Monochromacy



Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.7210, 23.3085, -9.4023

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8660, 63.6631, -26.1925 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, 20, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 20, 159)  
}
```

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, 20, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 20, 159) }
```

Border

The CSS property to change the border of an element to YUV 29.8660, 63.6631, -26.1925 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, 20, 159) }
```

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

```
.border{ border-color:rgb(0, 20, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 20, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 20, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 20, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 20, 159)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.8660, 63.6631, -26.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 20, 159) }
```

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

```
.background{ background-color: rgb(0, 20,  
159) }
```

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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