

Converting Colors

YUV(29.0800, 5.3836, -0.0702)

Have a look what the booklet for
YUV(29.0800, 5.3836, -0.0702)
contains.

YUV(29.0800, 5.3836, -0.0702)	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(29.0800, 5.3836,
-0.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	1D1B28
RGB	29, 27, 40
RGB Percent	11%, 11%, 16%
CMY	0.8863, 0.8941, 0.8431
CMYK	0.27, 0.33, 0.00, 0.84
HSL	249°, 19%, 13%
HSV	249°, 32%, 16%
XYZ	1.2816, 1.1983, 2.1712
YIQ	29.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

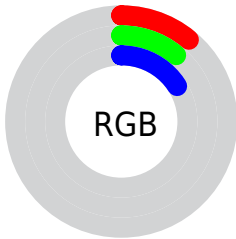
Format	Color
R_{YB}	29, 27, 40
Decimal	1907496
CIE Lab	10.54, 4.59, -8.47
CIE LCh	11, 9.633, 298.469
Yxy	1.1983, 0.2756, 0.2576
Android (android.graphics.Color)	4280097576 (0xFF1D1B28)
YUV	29.0800, 5.3836, -0.0702
Hunter-Lab	10.9466, 1.7423, -4.0974

Details

The YUV color **29.0800, 5.3836, -0.0702** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **37.9200, -5.3836, 0.0702**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6070, 6.1097, 0.3447**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.8350, 6.9833, 0.1447**, and if you desaturate by 10%, it is **32.3250, 3.7838, -0.2850**.

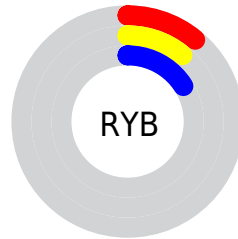
Distribution



Red (11%)

Green (11%)

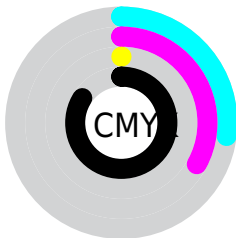
Blue (16%)



Red (11%)

Yellow (11%)

Blue (16%)

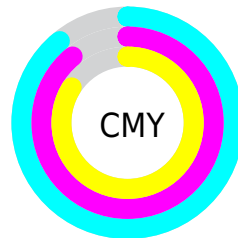


Cyan (27%)

Magenta (33%)

Yellow (0%)

Black (84%)



Cyan (89%)

Magenta (89%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0800, 5.3836, -0.0702 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 29.0800, 5.3836, -0.0702 by changing the saturation by 10% instead.

■ 29.0800, 5.3836,
-0.0702

■ 29.0800, 5.3836,
-0.0702

■ 254.4130, 0.2894,
0.5148

■ 3.4760, 8.1463,
0.4595

■ 72.6070, 6.1097,
0.3447

■ 0.0000, 0.0000,
0.0000

■ 96.6070, 6.1097,
0.3447

■ 120.8350, 6.9833,
0.1447

■ 146.8350, 6.9833,
0.1447

■ 173.2480, 7.2727,
0.6595

■ 200.9490, 7.4201,

0.0447

■ 228.9490, 7.4201,
0.0447

■ 29.0800, 5.3836,
-0.0702

■ 29.0800, 5.3836,
-0.0702

■ 25.8350, 6.9833,
0.1447

■ 32.3250, 3.7838,
-0.2850

■ 22.2910, 8.7305,
-0.2552

■ 35.8690, 2.0366,
0.1149

■ 19.0460, 10.3303,
-0.0403

■ 39.1140, 0.4368,
-0.1000

■ 15.5020, 12.0775,
-0.4403

■ 42.6580, -1.3104,
0.2999

■ 12.2570, 13.6773,
-0.2254

■ 45.9030, -2.9102,
0.0851

■ 9.0120, 15.2771,
-0.0105

■ 49.1480, -4.5100,
-0.1298

■ 6.3540, 16.5875,
-0.3105

■ 52.6920, -6.2572,
0.2701

■ 55.9370, -7.8569,
0.0553

■ 59.1820, -9.4567,
-0.1596

Harmonies

Analogous

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



27.3780, 6.7156, -7.3475



29.0800, 5.3836, -0.0702



29.7280, 2.5991, 6.3775

Triad

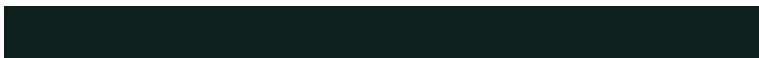
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.0800, 5.3836, -0.0702



28.8610, -5.8475, 8.8919



25.5640, 1.2009, -11.8956

Complementary

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



29.0800, 5.3836, -0.0702



37.9200, -5.3836, 0.0702

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.



26.3860, -2.1623, -6.4775



29.0800, 5.3836, -0.0702



28.1980, -6.9996, 5.0884

Square

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



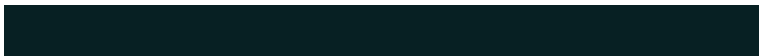
29.0800, 5.3836, -0.0702



28.9690, -2.9427, 10.5512



27.5070, -5.6730, -0.4446



24.8670, 4.9956, -15.6694

Rectangle

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



29.0800, 5.3836, -0.0702



29.5820, 0.6991, 9.1366



27.5070, -5.6730, -0.4446



25.9340, 0.0325, -10.4661

Sweetspot

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



29.0800, 5.3836, -0.0702



46.8690, 2.0366, 0.1149



34.9390, 2.4951, -6.9625



22.7550, 1.5998, 0.2149



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.0800, 5.3836, -0.0702



34.1770, 8.2937, -0.1552



30.8740, 4.4991, 3.6185



18.5270, 0.7262, 0.4148



13.4630, 34.7747, -0.4061



34.0350, 87.7367, -0.9077

Inverse Universe

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



32.1410, 2.8885, 6.8923



38.9180, 4.4774, 10.5959



36.1260, -4.4991, -3.6185



18.8260, 0.5788, 1.0296



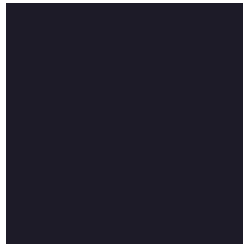
33.2100, 18.6305, 44.5428



83.7940, 46.9366, 112.4367

Previews

White Background



This preview shows how the YUV color 29.0800, 5.3836, -0.0702 looks on a white background.

Color Contrast Check

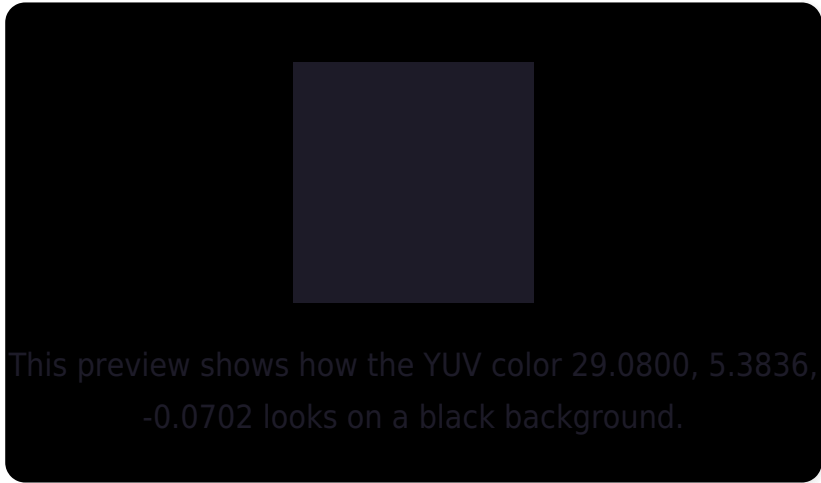
Large Text (above 18pt) WCAG AA ✓ Pass

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

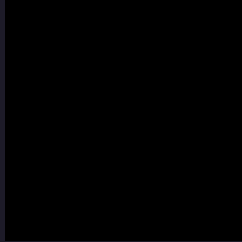
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0800, 5.3836, -0.0702

Background



This preview shows how black text looks on a background with the YUV color 29.0800, 5.3836, -0.0702.



This preview shows how white text looks on a background with the YUV color 29.0800, 5.3836,

-0.0702.

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

29.0800, 5.3836, -0.0702

Protanopia

28.5850, 6.1206, -3.1440

Deuteranopia

28.4710, 5.6838, -3.0441



Tritanopia

28.6300, 1.1684, -1.4295

Trichromacy



Original Color

29.0800, 5.3836, -0.0702

Protanomaly

28.8840, 5.9732, -2.5293

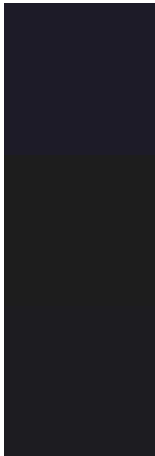
Deuteranomaly

28.7700, 5.5364, -2.4293

Tritanomaly

28.6840, 2.6208, -0.5999

Monochromacy



Original Color

29.0800, 5.3836, -0.0702

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0800, 5.3836, -0.0702 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(29, 27, 40)` looks like.

```
.text, #text, p{  
  color:rgb(29, 27, 40)  
}
```

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(29, 27, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 27, 40) }
```

Border

The CSS property to change the border of an element to YUV 29.0800, 5.3836, -0.0702 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(29, 27, 40) }
```


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

```
.border{ border-color:rgb(29, 27, 40) }
```

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

Here you see how a box with a 4 pixel rgb(29, 27, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 27, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 27, 40);  
box-shadow:4px 4px 4px 4px rgb(29, 27, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.0800, 5.3836, -0.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 27, 40) }
```

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

```
.background{ background-color: rgb(29, 27,  
40) }
```

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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