

Converting Colors

YUV(51.1070, 17.6952,
-29.0348)

Have a look what the booklet for
YUV(51.1070, 17.6952, -29.0348)
contains.

YUV(51.1070, 17.6952, -29.0348)	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(51.1070, 17.6952,
-29.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	123D57
RGB	18, 61, 87
RGB Percent	7%, 24%, 34%
CMY	0.9294, 0.7608, 0.6588
CMYK	0.79, 0.30, 0.00, 0.66
HSL	203°, 66%, 21%
HSV	203°, 79%, 34%
XYZ	3.6385, 4.1542, 9.6269
YIQ	51.1070, -33.9740, -1.0300

Conversions

Conversions Part 2

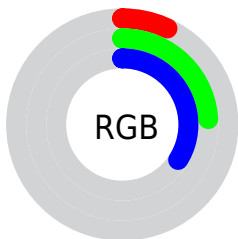
Format	Color
RYB	18, 44, 87
Decimal	1195351
CIELab	24.17, -4.66, -19.83
CIElCh	24, 20.371, 256.790
Yxy	4.1542, 0.2089, 0.2385
Android (android.graphics.Color)	4279385431 (0xFF123D57)
YUV	51.1070, 17.6952, -29.0348
Hunter-Lab	20.3819, -3.8031, -13.7369

Details

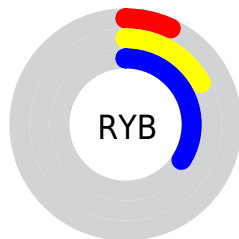
The YUV color **51.1070, 17.6952, -29.0348** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **53.8930, -17.6952, 29.0348**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5420, 17.9738, -25.0313**, and **15.9410, 12.8471, -13.9803** is the 20% darker color. If you saturate the color by 10%, you get **46.6550, 19.8901, -33.0234**, and if you desaturate by 10%, it is **55.5590, 15.5004, -25.0462**.

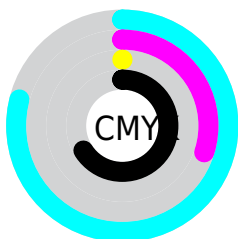
Distribution



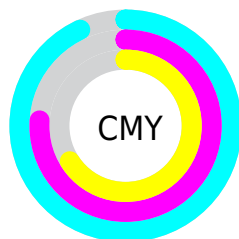
- Red (7%)
- Green (24%)
- Blue (34%)



- Red (7%)
- Yellow (17%)
- Blue (34%)



- Cyan (79%)
- Magenta (30%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1070, 17.6952, -29.0348 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 51.1070, 17.6952, -29.0348 by changing the saturation by 10% instead.

■ 51.1070, 17.6952,
-29.0348

■ 51.1070, 17.6952,
-29.0348

■ 255.0000, 0.0000,
0.0000

■ 30.1890, 16.6688,
-26.4758

■ 100.5420, 17.9738,
-25.0313

■ 15.9410, 12.8471,
-13.9803

■ 125.9550, 18.2632,
-24.5165

■ 2.8670, 8.4466,
-2.5144

■ 152.6560, 18.4106,
-25.1313

■ 0.0000, 0.0000,
0.0000

■ 179.7700, 18.8474,
-25.2313

■ 206.9980, 19.7210,
-25.4312

■ 233.3050, 10.6956,

-23.9465

■ 249.0200, 2.9481,
-12.2955

■ 51.1070, 17.6952,
-29.0348

■ 51.1070, 17.6952,
-29.0348

■ 46.6550, 19.8901,
-33.0234

■ 55.5590, 15.5004,
-25.0462

■ 41.9150, 22.2269,
-35.8825

■ 60.2990, 13.1636,
-22.1872

■ 41.6160, 22.3743,
-36.4972

■ 64.7510, 10.9688,
-18.1986

■ 69.2030, 8.7739,
-14.2100

■ 73.3560, 6.7265,
-10.8362

■ 78.3950, 4.2423,
-7.3624

■ 82.8470, 2.0474,
-3.3738

■ 87.2990, -0.1474,
0.6148

■ 92.0390, -2.4842,
3.4738

Harmonies

Analogous

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



46.5740, 15.9860, -40.8454



51.1070, 17.6952, -29.0348



57.1420, 14.7200, -8.0175

Triad

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



51.1070, 17.6952, -29.0348



58.0140, -4.4439, 25.4207



53.3440, -8.5506, -10.8257

Complementary

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



51.1070, 17.6952, -29.0348



53.8930, -17.6952, 29.0348

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.



55.3520, -13.9775, 3.1993



51.1070, 17.6952, -29.0348



57.6840, -10.6902, 22.2021

Square

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



51.1070, 17.6952, -29.0348



59.2290, 2.8451, 20.8472



56.7170, -14.1575, 14.2802



49.5360, 0.2288, -26.7801

Rectangle

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



51.1070, 17.6952, -29.0348



59.0080, 11.3351, 4.3780



56.7170, -14.1575, 14.2802



54.0950, -10.8928, -6.2223

Sweetspot

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



51.1070, 17.6952, -29.0348



98.0570, 6.8739, -11.4510



61.3530, -9.0480, -38.0206



47.6940, 4.0949, -6.7476



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



51.1070, 17.6952, -29.0348



56.8260, 27.2008, -44.5744



31.1490, 27.5345, -11.5317



41.2170, 0.8790, -1.9443



51.5270, 27.3482, -45.1892



112.4920, 60.3964, -98.6555

Inverse Universe

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



43.5330, 8.6112, 38.1206



45.2180, 13.2035, 58.5678



73.8510, -27.5345, 11.5317



40.5380, 0.7208, 2.1592



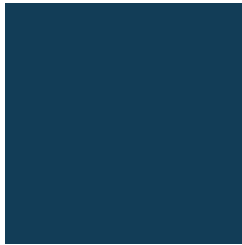
39.6310, 13.4929, 59.0826



86.9090, 29.1319, 129.8758

Previews

White Background



This preview shows how the YUV color 51.1070, 17.6952, -29.0348 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 51.1070, 17.6952, -29.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

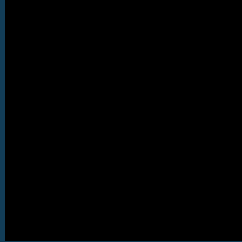
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.1070, 17.6952, -29.0348

Background



This preview shows how black text looks on a background with the YUV color 51.1070, 17.6952, -29.0348.



This preview shows how white text looks on a background with the YUV color 51.1070, 17.6952,

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

51.1070, 17.6952, -29.0348

Protanopia

57.5720, 12.5360, -7.5176

Deuteranopia

56.3480, 15.6044, -11.7062



Tritanopia

45.4340, 11.6180, -39.8456

Trichromacy



Original Color

51.1070, 17.6952, -29.0348

Protanomaly

54.9840, 14.3049, -14.8950

Deuteranomaly

54.2440, 16.6417, -17.7540

Tritanomaly

47.7380, 13.9332, -35.7272

Monochromacy



Original Color

51.1070, 17.6952, -29.0348

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2420, 6.2897, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1070, 17.6952, -29.0348 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(18, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(18, 61, 87)  
}
```

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(18, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 61, 87) }
```

Border

The CSS property to change the border of an element to YUV 51.1070, 17.6952, -29.0348 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(18, 61, 87) }
```


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

```
.border{ border-color:rgb(18, 61, 87) }
```

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

Here you see how a box with a 4 pixel rgb(18, 61, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 61, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 61, 87);  
box-shadow:4px 4px 4px 4px rgb(18, 61, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.1070, 17.6952, -29.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 61, 87) }
```

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

```
.background{ background-color: rgb(18, 61,  
87) }
```

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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