

Converting Colors

YUV(71.2960, 14.1511,
-59.0186)

Have a look what the booklet for
YUV(71.2960, 14.1511, -59.0186)
contains.

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Color

**YUV(71.2960, 14.1511,
-59.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	046464
RGB	4, 100, 100
RGB Percent	2%, 39%, 39%
CMY	0.9843, 0.6078, 0.6078
CMYK	0.96, 0.00, 0.00, 0.61
HSL	180°, 92%, 20%
HSV	180°, 96%, 39%
XYZ	6.9075, 10.0603, 13.6344
YIQ	71.2960, -57.2160, -20.3520

Conversions

Conversions Part 2

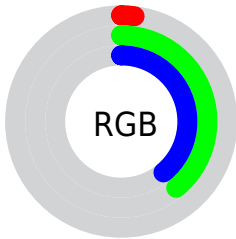
Format	Color
RYB	4, 52, 100
Decimal	287844
CIELab	37.95, -23.89, -7.04
CIELCh	38, 24.905, 196.422
Yxy	10.0603, 0.2257, 0.3287
Android (android.graphics.Color)	4278477924 (0xFF046464)
YUV	71.2960, 14.1511, -59.0186
Hunter-Lab	31.7179, -16.6328, -3.2840

Details

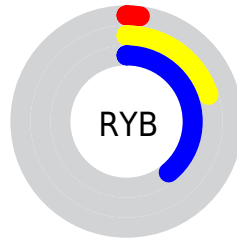
The YUV color **71.2960, 14.1511, -59.0186** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.7040, -14.1511, 59.0186**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9770, 11.3503, -47.3378**, and **37.1530, 7.8126, -32.5832** is the 20% darker color. If you saturate the color by 10%, you get **70.1000, 14.7407, -61.4777**, and if you desaturate by 10%, it is **74.2860, 12.6770, -52.8708**.

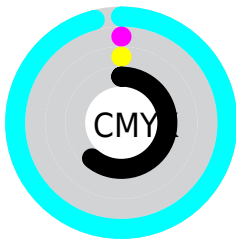
Distribution



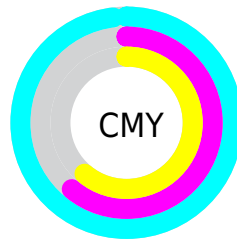
- Red (2%)
- Green (39%)
- Blue (39%)



- Red (2%)
- Yellow (20%)
- Blue (39%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (98%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2960, 14.1511, -59.0186 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 71.2960, 14.1511, -59.0186 by changing the saturation by 10% instead.

71.2960, 14.1511,
-59.0186

71.2960, 14.1511,
-59.0186

255.0000, 0.0000,
0.0000

53.2760, 11.2029,
-46.7231

127.9770, 11.3503,
-47.3378

37.1530, 7.8126,
-32.5832

154.8630, 10.9135,
-47.2379

22.4320, 4.7170,
-19.6729

182.8630, 10.9135,
-47.2379

1.0260, 3.9312,
-0.8998

210.8630, 10.9135,
-47.2379

0.0000, 0.0000,
0.0000

234.0700, 10.3185,
-43.0344

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

71.2960, 14.1511,
-59.0186

71.2960, 14.1511,
-59.0186

70.1000, 14.7407,
-61.4777

74.2860, 12.6770,
-52.8708

77.2760, 11.2029,
-46.7231

80.2660, 9.7289,
-40.5753

83.2560, 8.2548,
-34.4275

86.2460, 6.7807,
-28.2797

■ 89.2360, 5.3067,
-22.1320

■ 92.2260, 3.8326,
-15.9842

■ 95.2160, 2.3585,
-9.8364

■ 98.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



79.6770, -0.3338, -33.0427



71.2960, 14.1511, -59.0186



70.9780, 23.1818, -62.2477

Triad

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



71.2960, 14.1511, -59.0186



91.6930, 12.4764, 11.6702



88.4850, -18.9731, 18.8687

Complementary

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



71.2960, 14.1511, -59.0186



32.7040, -14.1511, 59.0186

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.



89.8160, -14.2063, 29.9794



71.2960, 14.1511, -59.0186



92.0880, 3.4076, 27.1098

Square

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



71.2960, 14.1511, -59.0186



88.9830, 19.2354, -9.6321



91.0150, -5.9234, 33.3128



86.9130, -18.1981, 3.5843

Rectangle

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



71.2960, 14.1511, -59.0186



79.0880, 23.1276, -44.8042



91.0150, -5.9234, 33.3128



89.4470, -17.9684, 23.2870

Sweetspot

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



71.2960, 14.1511, -59.0186



118.6380, 5.6015, -23.3615



60.3520, -27.7815, -49.4207



59.1230, 3.3904, -14.1399



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



71.2960, 14.1511, -59.0186



91.1300, 19.1629, -79.9210



43.1200, 28.0418, -34.3082



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



43.6480, 27.7815, 49.4207



53.6900, 37.6208, 66.9239



60.8800, -28.0418, 34.3082



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 71.2960, 14.1511, -59.0186 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



This preview shows how the YUV color 71.2960, 14.1511, -59.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

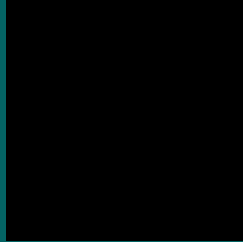
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 71.2960, 14.1511, -59.0186

Background



This preview shows how black text looks on a background with the YUV color 71.2960, 14.1511, -59.0186.



This preview shows how white text looks on a background with the YUV color 71.2960, 14.1511,

-59.0186.

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

71.2960, 14.1511, -59.0186

Protanopia

89.7550, 1.5998, 0.2149

Deuteranopia

90.0200, 6.3991, 0.8595



Tritanopia

75.6930, 15.4344, -50.5968

Trichromacy



Original Color

71.2960, 14.1511, -59.0186

Protanomaly

83.1760, 6.3222, -21.2024

Deuteranomaly

83.2730, 9.2324, -21.2874

Tritanomaly

73.8560, 14.8610, -53.3707

Monochromacy



Original Color

71.2960, 14.1511, -59.0186

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.5350, 5.1592, -21.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2960, 14.1511, -59.0186 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(4, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(4, 100, 100)  
}
```

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(4, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 100, 100) }
```

Border

The CSS property to change the border of an element to YUV 71.2960, 14.1511, -59.0186 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(4, 100, 100) }
```


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

```
.border{ border-color:rgb(4, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(4, 100,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 71.2960, 14.1511, -59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 100, 100) }
```

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

```
.background{ background-color: rgb(4, 100,  
100) }
```

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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