

Converting Colors

YUV(71.8120, 14.8827,
-60.3481)

Have a look what the booklet for
YUV(71.8120, 14.8827, -60.3481)
contains.

YUV(71.8120, 14.8827, -60.3481)	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(71.8120, 14.8827,
-60.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	036566
RGB	3, 101, 102
RGB Percent	1%, 40%, 40%
CMY	0.9882, 0.6039, 0.6000
CMYK	0.97, 0.01, 0.00, 0.60
HSL	181°, 94%, 21%
HSV	181°, 97%, 40%
XYZ	7.0895, 10.2860, 14.1821
YIQ	71.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

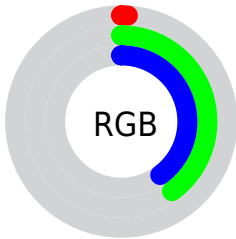
Format	Color
R_{YB}	3, 52, 102
Decimal	222566
CIE _{Lab}	38.35, -23.80, -7.67
CIE _{LCh}	38, 25.005, 197.869
Yxy	10.2860, 0.2247, 0.3259
Android (android.graphics.Color)	4278412646 (0xFF036566)
YUV	71.8120, 14.8827, -60.3481
Hunter-Lab	32.0718, -16.6682, -3.7677

Details

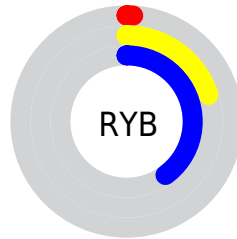
The YUV color **71.8120, 14.8827, -60.3481** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.1880, -14.8827, 60.3481**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7920, 11.9345, -48.0526**, and **37.9680, 8.3968, -33.2979** is the 20% darker color. If you saturate the color by 10%, you get **70.9150, 15.3249, -62.1925**, and if you desaturate by 10%, it is **74.8020, 13.4086, -54.2004**.

Distribution



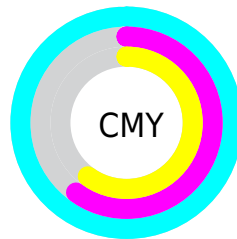
- Red (1%)
- Green (40%)
- Blue (40%)



- Red (1%)
- Yellow (20%)
- Blue (40%)



- Cyan (97%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8120, 14.8827, -60.3481 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 71.8120, 14.8827, -60.3481 by changing the saturation by 10% instead.

71.8120, 14.8827,
-60.3481

71.8120, 14.8827,
-60.3481

255.0000, 0.0000,
0.0000

54.0910, 11.7871,
-47.4378

128.7920, 11.9345,
-48.0526

37.9680, 8.3968,
-33.2979

156.0910, 11.7871,
-47.4378

23.2470, 5.3012,
-20.3876

183.6780, 11.4977,
-47.9526

1.3680, 5.2416,
-1.1997

211.6780, 11.4977,
-47.9526

0.0000, 0.0000,
0.0000

234.0700, 10.3185,
-43.0344

242.7410, 6.0437,

-25.2059

251.7110, 1.6215,
-6.7625

71.8120, 14.8827,
-60.3481

71.8120, 14.8827,
-60.3481

70.9150, 15.3249,
-62.1925

74.8020, 13.4086,
-54.2004

77.7920, 11.9345,
-48.0526

81.0810, 10.3131,
-41.2900

84.0710, 8.8390,
-35.1423

87.6480, 7.0755,
-29.5093

■ 90.6380, 5.6015,
-23.3615

■ 93.6280, 4.1274,
-17.2138

■ 96.9170, 2.5059,
-10.4512

■ 99.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



80.7800, 0.1085, -34.8871



71.8120, 14.8827, -60.3481



71.7930, 23.7661, -62.9625

Triad

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



71.8120, 14.8827, -60.3481



93.2910, 12.1815, 12.8998



89.4850, -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.



71.8120, 14.8827, -60.3481



33.1880, -14.8827, 60.3481

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.



90.4030, -14.4957, 29.4646



71.8120, 14.8827, -60.3481



92.3870, 3.2602, 27.7246

Square

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



71.8120, 14.8827, -60.3481



90.2820, 19.0880, -9.0173



91.9010, -6.3602, 33.4128



87.6140, -18.0507, 2.9695

Rectangle

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



71.8120, 14.8827, -60.3481



80.0990, 23.1222, -43.0598



91.9010, -6.3602, 33.4128



90.0340, -18.2578, 22.7722

Sweetspot

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



71.8120, 14.8827, -60.3481



120.7520, 6.0383, -23.4615



61.1130, -28.6497, -50.9651



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.



71.8120, 14.8827, -60.3481



92.0590, 20.1839, -80.7357



43.6360, 28.7735, -35.6378



49.5050, 0.7370, -3.0739



80.0280, 17.2412, -70.1846



168.4680, 36.2513, -147.7464

Inverse Universe

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



43.7730, 28.2129, 51.0651



54.7010, 37.6154, 68.6682



61.9510, -29.0628, 35.1230



48.0650, 1.4470, 2.5740



47.3810, 32.8432, 59.3019



99.7180, 69.1590, 124.7813

Previews

White Background



This preview shows how the YUV color 71.8120, 14.8827, -60.3481 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 71.8120, 14.8827, -60.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

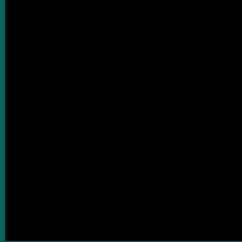
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8120, 14.8827, -60.3481

Background



This preview shows how black text looks on a background with the YUV color 71.8120, 14.8827, -60.3481.



This preview shows how white text looks on a background with the YUV color 71.8120, 14.8827,

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

71.8120, 14.8827, -60.3481

Protanopia

90.5700, 2.1840, -0.4999

Deuteranopia

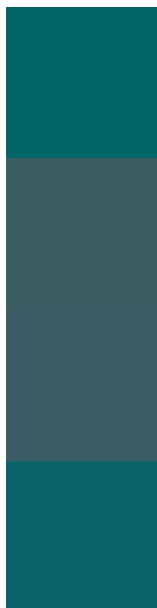
91.1340, 6.8359, 0.7595



Tritanopia

76.0950, 15.7292, -51.8263

Trichromacy



Original Color

71.8120, 14.8827, -60.3481

Protanomaly

83.6920, 7.0538, -22.5319

Deuteranomaly

84.3870, 9.6692, -21.3874

Tritanomaly

74.3720, 15.5926, -54.7002

Monochromacy



Original Color

71.8120, 14.8827, -60.3481

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8120, 14.8827, -60.3481 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(3, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(3, 101, 102)  
}
```

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(3, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 101, 102) }
```

Border

The CSS property to change the border of an element to YUV 71.8120, 14.8827, -60.3481 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(3, 101, 102) }
```


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

```
.border{ border-color:rgb(3, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(3, 101,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 71.8120, 14.8827, -60.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 101, 102) }
```

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

```
.background{ background-color: rgb(3, 101,  
102) }
```

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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