

Converting Colors

YUV(74.6100, 17.9403,
-61.0480)

Have a look what the booklet for
YUV(74.6100, 17.9403, -61.0480)
contains.

YUV(74.6100, 17.9403, -61.0480)	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(74.6100, 17.9403,
-61.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	05676F
RGB	5, 103, 111
RGB Percent	2%, 40%, 44%
CMY	0.9804, 0.5961, 0.5647
CMYK	0.95, 0.07, 0.00, 0.56
HSL	185°, 91%, 23%
HSV	185°, 95%, 44%
XYZ	7.7821, 10.8805, 16.7289
YIQ	74.6100, -60.9760, -18.2880

Conversions

Conversions Part 2

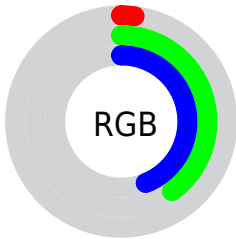
Format	Color
RYB	5, 56, 111
Decimal	354159
CIELab	39.38, -21.59, -11.64
CIELCh	39, 24.523, 208.334
Yxy	10.8805, 0.2199, 0.3074
Android (android.graphics.Color)	4278544239 (0xFF05676F)
YUV	74.6100, 17.9403, -61.0480
Hunter-Lab	32.9855, -15.6123, -6.9796

Details

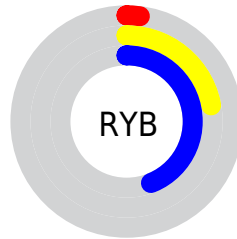
The YUV color **74.6100, 17.9403, -61.0480** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.3900, -17.9403, 61.0480**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7040, 15.4289, -48.8524**, and **39.4670, 11.6018, -34.6126** is the 20% darker color. If you saturate the color by 10%, you get **73.1150, 18.6773, -64.1219**, and if you desaturate by 10%, it is **78.4860, 16.0294, -54.8002**.

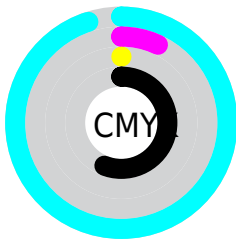
Distribution



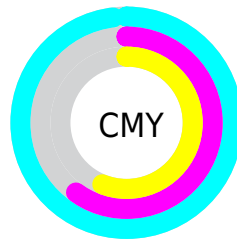
- Red (2%)
- Green (40%)
- Blue (44%)



- Red (2%)
- Yellow (22%)
- Blue (44%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6100, 17.9403, -61.0480 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 74.6100, 17.9403, -61.0480 by changing the saturation by 10% instead.

■ 74.6100, 17.9403,
-61.0480

■ 74.6100, 17.9403,
-61.0480

■ 255.0000, 0.0000,
0.0000

■ 56.2910, 15.1395,
-49.3672

■ 131.7040, 15.4289,
-48.8524

■ 39.4670, 11.6018,
-34.6126

■ 159.0030, 15.2815,
-48.2376

■ 24.6320, 8.0694,
-21.6023

■ 186.8890, 14.8447,
-48.1377

■ 3.0950, 9.3202,
-2.7143

■ 215.0030, 15.2815,
-48.2376

■ 0.0000, 0.0000,
0.0000

■ 235.2660, 9.7289,
-40.5753

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

74.6100, 17.9403,
-61.0480

74.6100, 17.9403,
-61.0480

73.1150, 18.6773,
-64.1219

78.4860, 16.0294,
-54.8002

82.3620, 14.1185,
-48.5525

86.2380, 12.2077,
-42.3047

89.5270, 10.5862,
-35.5422

93.7020, 8.5279,
-28.6797

■ 97.5780, 6.6170,
-22.4319

■ 101.4540, 4.7062,
-16.1842

■ 105.3300, 2.7953,
-9.9364

■ 109.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



81.3000, 4.7821, -40.6051



74.6100, 17.9403, -61.0480



80.5390, 22.4123, -48.7077

Triad

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



74.6100, 17.9403, -61.0480



95.5260, 9.1077, 18.8327



91.4520, -18.9568, 13.6356

Complementary

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



74.6100, 17.9403, -61.0480



41.3900, -17.9403, 61.0480

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.



92.8110, -16.6688, 26.4758



74.6100, 17.9403, -61.0480



94.8990, 0.0498, 30.7836

Square

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



74.6100, 17.9403, -61.0480



94.0550, 16.7349, -0.9252



94.0920, -9.4124, 32.3683



89.1510, -15.8504, -2.7634

Rectangle

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



74.6100, 17.9403, -61.0480



86.8230, 21.7793, -32.2938



94.0920, -9.4124, 32.3683



92.1860, -18.8257, 18.2539

Sweetspot

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



74.6100, 17.9403, -61.0480



130.6810, 7.0593, -24.2762



68.0200, -27.6179, -55.2685



65.0520, 4.4114, -14.9546



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



74.6100, 17.9403, -61.0480



95.1880, 24.5573, -83.4799



44.0860, 32.9886, -34.2784



54.2060, 0.8844, -3.6887



78.8370, 20.2934, -69.1400



162.5810, 41.6186, -142.5835

Inverse Universe

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



47.8660, 27.1811, 55.3685



58.6310, 37.1569, 75.7456



71.9140, -32.9886, 34.2784



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Previews

White Background



This preview shows how the YUV color 74.6100, 17.9403, -61.0480 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 74.6100, 17.9403, -61.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

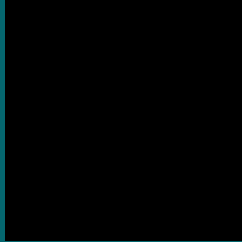
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6100, 17.9403, -61.0480

Background



This preview shows how black text looks on a background with the YUV color 74.6100, 17.9403, -61.0480.



This preview shows how white text looks on a background with the YUV color 74.6100, 17.9403,

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

74.6100, 17.9403, -61.0480

Protanopia

93.0690, 5.3890, -1.8145

Deuteranopia

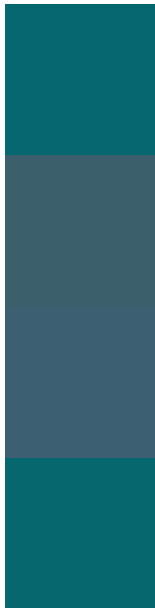
93.6220, 10.0464, -2.2995



Tritanopia

75.2080, 17.6455, -59.8184

Trichromacy



Original Color

74.6100, 17.9403, -61.0480

Protanomaly

86.4900, 10.1114, -23.2317

Deuteranomaly

86.5870, 13.0216, -23.3168

Tritanomaly

74.9090, 17.7929, -60.4332

Monochromacy



Original Color

74.6100, 17.9403, -61.0480

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8770, 6.4696, -21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6100, 17.9403, -61.0480 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(5, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(5, 103, 111)  
}
```

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(5, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 103, 111) }
```

Border

The CSS property to change the border of an element to YUV 74.6100, 17.9403, -61.0480 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(5, 103, 111) }
```


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

```
.border{ border-color:rgb(5, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(5, 103,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 74.6100, 17.9403, -61.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 103, 111) }
```

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

```
.background{ background-color: rgb(5, 103,  
111) }
```

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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