

Converting Colors

YUV(74.1780, 26.5342,
-64.1771)

Have a look what the booklet for
YUV(74.1780, 26.5342, -64.1771)
contains.

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Color

**YUV(74.1780, 26.5342,
-64.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	016580
RGB	1, 101, 128
RGB Percent	0%, 40%, 50%
CMY	0.9961, 0.6039, 0.4980
CMYK	0.99, 0.21, 0.00, 0.50
HSL	193°, 98%, 25%
HSV	193°, 99%, 50%
XYZ	8.5625, 10.8723, 22.0694
YIQ	74.1780, -68.2670, -12.8030

Conversions

Conversions Part 2

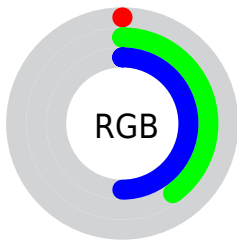
Format	Color
R_{YB}	1, 57, 128
Decimal	91520
CIE Lab	39.36, -14.50, -22.03
CIE LCh	39, 26.370, 236.646
Yxy	10.8723, 0.2063, 0.2620
Android (android.graphics.Color)	4278281600 (0xFF016580)
YUV	74.1780, 26.5342, -64.1771
Hunter-Lab	32.9732, -11.3503, -16.6022

Details

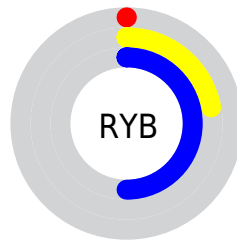
The YUV color **74.1780, 26.5342, -64.1771** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **54.8220, -26.5342, 64.1771**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1800, 23.5753, -48.3929**, and **40.7040, 18.8799, -35.6974** is the 20% darker color. If you saturate the color by 10%, you get **73.8790, 26.6817, -64.7919**, and if you desaturate by 10%, it is **79.8260, 23.7498, -57.7294**.

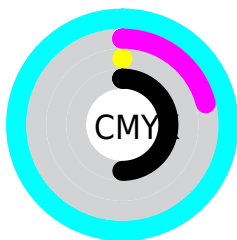
Distribution



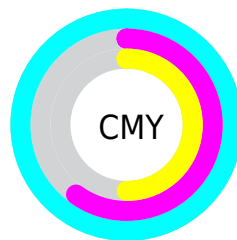
- Red (0%)
- Green (40%)
- Blue (50%)



- Red (0%)
- Yellow (22%)
- Blue (50%)



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1780, 26.5342, -64.1771 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 74.1780, 26.5342, -64.1771 by changing the saturation by 10% instead.

74.1780, 26.5342,
-64.1771

74.1780, 26.5342,
-64.1771

255.0000, 0.0000,
0.0000

56.9410, 22.7071,
-49.9373

133.1800, 23.5753,
-48.3929

40.7040, 18.8799,
-35.6974

160.8920, 23.7172,
-47.2633

25.7550, 14.9108,
-22.5871

188.3050, 24.0066,
-46.7485

5.1640, 14.7091,
-4.5288

215.7520, 19.3493,
-46.2635

1.0260, 3.9312,
-0.8998

236.1630, 9.2866,
-38.7310

0.0000, 0.0000,
0.0000

244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

74.1780, 26.5342,
-64.1771

74.1780, 26.5342,
-64.1771

73.8790, 26.6817,
-64.7919

79.8260, 23.7498,
-57.7294

84.8870, 21.2547,
-50.7669

90.2360, 18.6177,
-44.9340

95.8840, 15.8332,
-38.4863

101.5320, 13.0487,
-32.0386

■ 106.5930, 10.5537,
-25.0761

■ 112.2410, 7.7692,
-18.6284

■ 117.5900, 5.1321,
-12.7954

■ 122.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



73.7020, 18.3879, -64.6367



74.1780, 26.5342, -64.1771



88.1870, 23.0788, -29.1050

Triad

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



74.1780, 26.5342, -64.1771



95.0240, 0.4812, 32.4280



88.9940, -17.7450, -1.7487

Complementary

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



74.1780, 26.5342, -64.1771



54.8220, -26.5342, 64.1771

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.



91.5940, -20.9988, 15.2651



74.1780, 26.5342, -64.1771



93.8150, -9.2758, 35.2422

Square

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



74.1780, 26.5342, -64.1771



95.2810, 10.7075, 19.0476



92.7080, -17.1110, 28.3201



85.8650, -8.8074, -21.8066

Rectangle

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



74.1780, 26.5342, -64.1771



92.6130, 20.4038, -11.0616



92.7080, -17.1110, 28.3201



89.9840, -19.2191, 4.3990

Sweetspot

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



74.1780, 26.5342, -64.1771



144.5930, 10.5537, -25.0761



78.3990, -25.8327, -67.8789



71.5080, 6.1586, -15.3545



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



74.1780, 26.5342, -64.1771



95.8210, 34.5982, -84.0350



37.7840, 44.4765, -32.2596



60.7330, 1.6106, -3.2738



73.2920, 26.9710, -64.2771



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.3730, 24.9591, 68.0789



64.5680, 32.7510, 88.9559



91.2160, -44.4765, 32.2596



59.6630, 1.1521, 3.8035



49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 74.1780, 26.5342, -64.1771 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 74.1780, 26.5342, -64.1771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

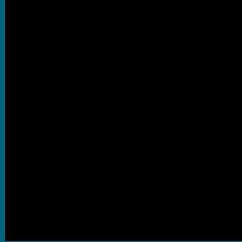
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.1780, 26.5342, -64.1771

Background



This preview shows how black text looks on a background with the YUV color 74.1780, 26.5342, -64.1771.

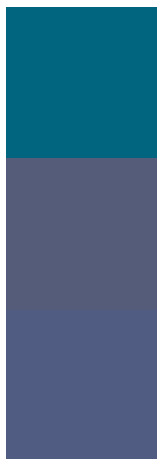


This preview shows how white text looks on a background with the YUV color 74.1780, 26.5342,

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

74.1780, 26.5342, -64.1771

Protanopia

93.2130, 13.6990, -7.2028

Deuteranopia

92.7440, 18.3672, -11.1765



Tritanopia

73.1150, 18.6773, -64.1219

Trichromacy



Original Color

74.1780, 26.5342, -64.1771

Protanomaly

86.0470, 18.7108, -28.1052

Deuteranomaly

85.7200, 21.3370, -30.4494

Tritanomaly

73.2120, 21.5875, -64.2069

Monochromacy



Original Color

74.1780, 26.5342, -64.1771

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0770, 9.8220, -23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1780, 26.5342, -64.1771 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(1, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(1, 101, 128)  
}
```

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(1, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 101, 128) }
```

Border

The CSS property to change the border of an element to YUV 74.1780, 26.5342, -64.1771 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(1, 101, 128) }
```


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

```
.border{ border-color:rgb(1, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(1, 101,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 74.1780, 26.5342, -64.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 101, 128) }
```

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

```
.background{ background-color: rgb(1, 101,  
128) }
```

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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