

Converting Colors

YUV(74.5910, 16.9636,
-27.7053)

Have a look what the booklet for
YUV(74.5910, 16.9636, -27.7053)
contains.

YUV(74.5910, 16.9636, -27.7053)	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(74.5910, 16.9636,
-27.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	2B546D
RGB	43, 84, 109
RGB Percent	17%, 33%, 43%
CMY	0.8314, 0.6706, 0.5725
CMYK	0.61, 0.23, 0.00, 0.57
HSL	203°, 43%, 30%
HSV	203°, 61%, 43%
XYZ	6.9269, 7.9584, 15.6390
YIQ	74.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

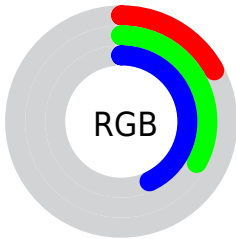
Format	Color
R_{YB}	43, 68, 109
Decimal	2839661
CIE _{Lab}	33.90, -6.22, -18.71
CIE _{LCh}	34, 19.719, 251.619
Yxy	7.9584, 0.2269, 0.2607
Android (android.graphics.Color)	4281029741 (0xFF2B546D)
YUV	74.5910, 16.9636, -27.7053
Hunter-Lab	28.2106, -5.5391, -13.1211




Details

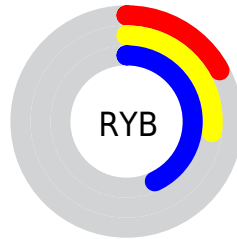
The YUV color **74.5910, 16.9636, -27.7053** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **77.4090, -16.9636, 27.7053**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.8300, 17.8318, -26.1609**, and **29.8470, 15.3584, -26.1758** is the 20% darker color. If you saturate the color by 10%, you get **68.9540, 19.7427, -32.4087**, and if you desaturate by 10%, it is **80.2280, 14.1846, -23.0020**.

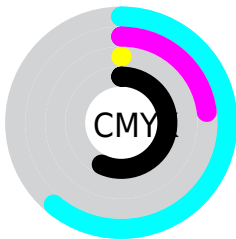
Distribution







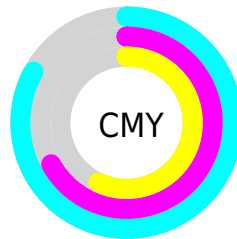
-  Red (17%)
-  Green (33%)
-  Blue (43%)






-  Red (17%)
-  Yellow (27%)
-  Blue (43%)



-  Cyan (61%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (83%)
-  Magenta (67%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5910, 16.9636, -27.7053 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 74.5910, 16.9636, -27.7053 by changing the saturation by 10% instead.

■ 74.5910, 16.9636,
-27.7053

■ 74.5910, 16.9636,
-27.7053

■ 255.0000, 0.0000,
0.0000

■ 49.3840, 17.5587,
-31.9088

■ 124.8300, 17.8318,
-26.1609

■ 29.8470, 15.3584,
-26.1758

■ 151.5310, 17.9792,
-26.7757

■ 15.5990, 11.5367,
-13.6803

■ 178.5310, 17.9792,
-26.7757

■ 2.6390, 7.5730,
-2.3144

■ 205.7590, 18.8528,
-26.9756

■ 0.0000, 0.0000,
0.0000

■ 232.4080, 11.1379,
-25.7908

■ 248.1230, 3.3904,

-14.1399

■ 74.5910, 16.9636,
-27.7053

■ 74.5910, 16.9636,
-27.7053

■ 68.9540, 19.7427,
-32.4087

■ 80.2280, 14.1846,
-23.0020

■ 63.3170, 22.5217,
-37.1120

■ 85.8650, 11.4056,
-18.2986

■ 57.6800, 25.3008,
-41.8154

■ 91.5020, 8.6265,
-13.5953

■ 52.3420, 27.9324,
-45.9039

■ 97.7260, 5.5581,
-9.4067

■ 103.3630, 2.7790,
-4.7034

■ 108.7010, 0.1474,
-0.6148

■ 114.3380, -2.6316,
4.0886

■ 119.9750, -5.4107,
8.7919

■ 125.6120, -8.1897,
13.4953

Harmonies

Analogous

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



69.9440, 14.8176, -39.4159



74.5910, 16.9636, -27.7053



79.2450, 15.1622, -9.8619

Triad

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



74.5910, 16.9636, -27.7053



81.5410, -3.7177, 25.8355



76.3120, -10.0138, -8.1666

Complementary

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



74.5910, 16.9636, -27.7053



77.4090, -16.9636, 27.7053

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.



78.2490, -14.4198, 5.0436



74.5910, 16.9636, -27.7053



80.2220, -9.9694, 24.3613

Square

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



74.5910, 16.9636, -27.7053



81.8590, 4.0135, 19.4177



79.3260, -14.4577, 17.2541



73.2870, -2.1135, -22.1767

Rectangle

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



74.5910, 16.9636, -27.7053



80.9260, 12.3615, 1.8189



79.3260, -14.4577, 17.2541



77.1770, -11.9193, -3.6632

Sweetspot

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



74.5910, 16.9636, -27.7053



129.3560, 6.7265, -10.8362



84.4780, -8.6167, -36.3762



62.9930, 3.9475, -6.1329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



74.5910, 16.9636, -27.7053



88.4240, 26.9060, -43.3448



55.8070, 26.2241, -11.2317



51.0320, 1.4632, -2.6591



56.1890, 29.9798, -49.2778



117.1540, 63.0281, -102.7441

Inverse Universe

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



67.4080, 8.1799, 36.4762



77.3920, 12.6247, 57.5382



96.1930, -26.2241, 11.2317



50.2500, 0.8628, 3.2887



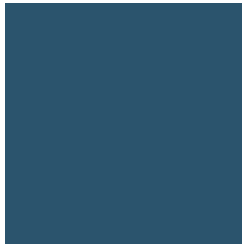
43.3050, 14.6396, 64.6305



90.5830, 30.2786, 135.4237

Previews

White Background



This preview shows how the YUV color 74.5910, 16.9636, -27.7053 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 74.5910, 16.9636, -27.7053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

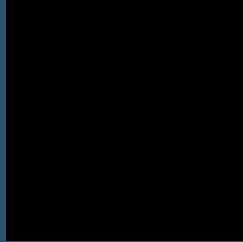
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

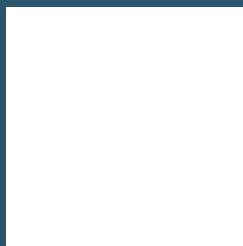
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 74.5910, 16.9636, -27.7053

Background



This preview shows how black text looks on a background with the YUV color 74.5910, 16.9636, -27.7053.

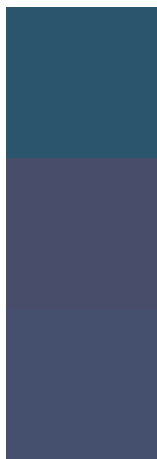


This preview shows how white text looks on a background with the YUV color 74.5910, 16.9636, -27.7053.

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

74.5910, 16.9636, -27.7053

Protanopia

79.2840, 12.6780, -6.3881

Deuteranopia

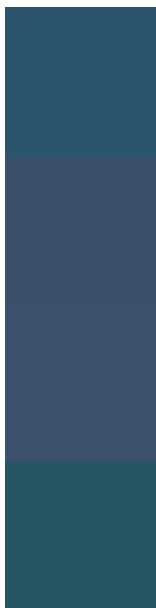
79.5440, 15.0148, -9.2471



Tritanopia

72.5490, 10.5753, -32.0535

Trichromacy



Original Color

74.5910, 16.9636, -27.7053

Protanomaly

77.2830, 14.1575, -14.2802

Deuteranomaly

78.0270, 15.7627, -15.8097

Tritanomaly

73.4290, 12.6065, -30.1942

Monochromacy



Original Color

74.5910, 16.9636, -27.7053

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.5410, 6.1423, -10.1215

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5910, 16.9636, -27.7053 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(43, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(43, 84, 109)  
}
```

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(43, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 84, 109) }
```

Border

The CSS property to change the border of an element to YUV 74.5910, 16.9636, -27.7053 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(43, 84, 109) }
```


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

```
.border{ border-color:rgb(43, 84, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 84, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(43, 84,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 74.5910, 16.9636, -27.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 84, 109) }
```

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

```
.background{ background-color: rgb(43, 84,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor