

Converting Colors

YUV(76.7940, 29.1886,
-28.7603)

Have a look what the booklet for
YUV(76.7940, 29.1886, -28.7603)
contains.

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Color

**YUV(76.7940, 29.1886,
-28.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5288
RGB	44, 82, 136
RGB Percent	17%, 32%, 53%
CMY	0.8275, 0.6784, 0.4667
CMYK	0.68, 0.40, 0.00, 0.47
HSL	215°, 51%, 35%
HSV	215°, 68%, 53%
XYZ	8.4999, 8.3476, 24.4558
YIQ	76.7940, -39.9820, 8.7380

Conversions

Conversions Part 2

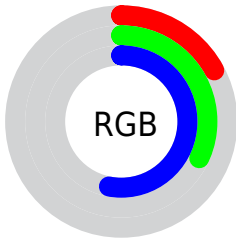
Format	Color
R _Y B	44, 71, 136
Decimal	2904712
CIE Lab	34.70, 5.08, -34.17
CIE LCh	35, 34.540, 278.449
Yxy	8.3476, 0.2058, 0.2021
Android (android.graphics.Color)	4281094792 (0xFF2C5288)
YUV	76.7940, 29.1886, -28.7603
Hunter-Lab	28.8923, 1.9522, -29.9613

Details

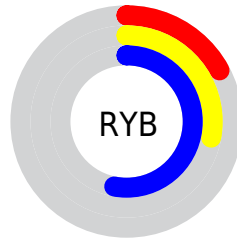
The YUV color **76.7940, 29.1886, -28.7603** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **103.2060, -29.1886, 28.7603**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4570, 30.3407, -24.9568**, and **32.1100, 26.5678, -28.1605** is the 20% darker color. If you saturate the color by 10%, you get **67.9120, 33.5674, -33.2488**, and if you desaturate by 10%, it is **85.6760, 24.8097, -24.2719**.

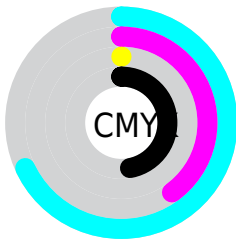
Distribution



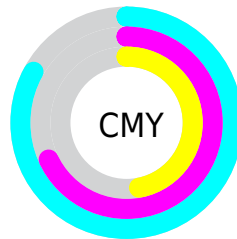
- Red (17%)
- Green (32%)
- Blue (53%)



- Red (17%)
- Yellow (28%)
- Blue (53%)



- Cyan (68%)
- Magenta (40%)
- Yellow (0%)
- Black (47%)



- Cyan (83%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7940, 29.1886, -28.7603 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 76.7940, 29.1886, -28.7603 by changing the saturation by 10% instead.

■ 76.7940, 29.1886,
-28.7603

■ 76.7940, 29.1886,
-28.7603

■ 255.0000, 0.0000,
0.0000

■ 48.6680, 30.2367,
-38.2968

■ 128.4570, 30.3407,
-24.9568

■ 32.1100, 26.5678,
-28.1605

■ 154.9840, 31.0669,
-24.5420

■ 17.0470, 22.1618,
-14.9502

■ 182.3970, 31.3563,
-24.0272

■ 6.3210, 16.6037,
-5.5435

■ 207.6440, 23.3465,
-21.6128

■ 2.5250, 7.1362,
-2.2144

■ 233.0390, 10.8268,
-19.3282

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,

-8.6069

■ 76.7940, 29.1886,
-28.7603

■ 76.7940, 29.1886,
-28.7603

■ 67.9120, 33.5674,
-33.2488

■ 85.6760, 24.8097,
-24.2719

■ 59.3290, 37.7988,
-37.1225

■ 94.2590, 20.5783,
-20.3981

■ 50.4470, 42.1776,
-41.6110

■ 103.1410, 16.1995,
-15.9097

■ 48.3760, 43.1986,
-42.4258

■ 111.7240, 11.9681,
-12.0359

■ 120.6060, 7.5892,
-7.5475

■ 129.4880, 3.2104,
-3.0590

■ 138.0710, -1.0210,
0.8147

■ 146.9530, -5.3998,
5.3032

■ 155.5360, -9.6312,
9.1769

Harmonies

Analogous

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



67.8780, 31.6121, -59.5290



76.7940, 29.1886, -28.7603



83.7340, 20.3441, 8.1263

Triad

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



76.7940, 29.1886, -28.7603



80.8390, -15.6966, 41.3602



65.0080, -2.4689, -48.2420

Complementary

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



76.7940, 29.1886, -28.7603



103.2060, -29.1886, 28.7603

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.



74.8740, -19.1649, -13.0445



76.7940, 29.1886, -28.7603



79.9440, -25.1154, 28.9901

Square

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



76.7940, 29.1886, -28.7603



81.4770, -3.1932, 44.3087



77.9540, -27.0923, 9.6873



65.9110, 11.3829, -57.8039

Rectangle

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



76.7940, 29.1886, -28.7603



84.3080, 13.1592, 26.0399



77.9540, -27.0923, 9.6873



70.6850, -9.2117, -32.1727

Sweetspot

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



76.7940, 29.1886, -28.7603



153.2080, 11.2365, -10.7064



104.1600, -3.0369, -52.7603



75.6770, 6.5682, -6.7327



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



76.7940, 29.1886, -28.7603



83.9350, 45.3880, -44.6700



56.8800, 39.0062, -4.2798



64.5590, 2.1894, -2.2442



47.4470, 42.1776, -41.6110



1.7440, 1.6052, -1.5295

Inverse Universe

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



75.8400, 3.0369, 52.7603



82.4830, 4.6919, 82.0144



123.1200, -39.0062, 4.2798



64.4350, 0.2785, 4.0035



46.0370, 4.4188, 76.2666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 76.7940, 29.1886, -28.7603 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 76.7940, 29.1886, -28.7603 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 76.7940, 29.1886, -28.7603

Background



This preview shows how black text looks on a background with the YUV color 76.7940, 29.1886, -28.7603.



This preview shows how white text looks on a background with the YUV color 76.7940, 29.1886, -28.7603.

-28.7603.

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

76.7940, 29.1886, -28.7603

Protanopia

79.8770, 26.6826, -18.3091

Deuteranopia

76.7940, 29.1886, -28.7603



Tritanopia

68.3730, 14.1131, -46.8081

Trichromacy



Original Color

76.7940, 29.1886, -28.7603

Protanomaly

79.0830, 27.5671, -21.9978

Deuteranomaly

76.7940, 29.1886, -28.7603

Tritanomaly

71.4970, 19.4750, -39.9009

Monochromacy



Original Color

76.7940, 29.1886, -28.7603

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7940, 29.1886, -28.7603 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(44, 82, 136)` looks like.

```
.text, #text, p{  
    color:rgb(44, 82, 136)  
}
```

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(44, 82, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 82, 136) }
```

Border

The CSS property to change the border of an element to YUV 76.7940, 29.1886, -28.7603 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(44, 82, 136) }
```


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

```
.border{ border-color:rgb(44, 82, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 82, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 82, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 82, 136);  
box-shadow:4px 4px 4px 4px rgb(44, 82,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 76.7940, 29.1886, -28.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 82, 136) }
```

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

```
.background{ background-color: rgb(44, 82,  
136) }
```

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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