

Converting Colors

YUV(73.3810, 28.8992,
-29.2751)

Have a look what the booklet for
YUV(73.3810, 28.8992, -29.2751)
contains.

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Color

**YUV(73.3810, 28.8992,
-29.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	284F84
RGB	40, 79, 132
RGB Percent	16%, 31%, 52%
CMY	0.8431, 0.6902, 0.4824
CMYK	0.70, 0.40, 0.00, 0.48
HSL	215°, 53%, 34%
HSV	215°, 70%, 52%
XYZ	7.8359, 7.7090, 22.9048
YIQ	73.3810, -40.2570, 8.2150

Conversions

Conversions Part 2

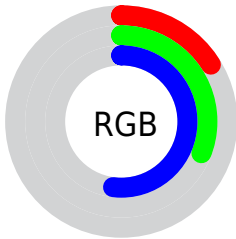
Format	Color
R_{YB}	40, 67, 132
Decimal	2641796
CIE Lab	33.37, 4.82, -33.83
CIE LCh	33, 34.168, 278.101
Yxy	7.7090, 0.2038, 0.2005
Android (android.graphics.Color)	4280831876 (0xFF284F84)
YUV	73.3810, 28.8992, -29.2751
Hunter-Lab	27.7651, 1.7875, -29.4756

Details

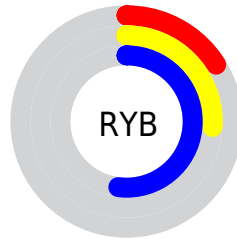
The YUV color **73.3810, 28.8992, -29.2751** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98.6190, -28.8992, 29.2751**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9300, 29.6145, -25.3716**, and **29.8930, 25.6888, -26.2162** is the 20% darker color. If you saturate the color by 10%, you get **64.7980, 33.1306, -33.1488**, and if you desaturate by 10%, it is **81.9640, 24.6677, -25.4014**.

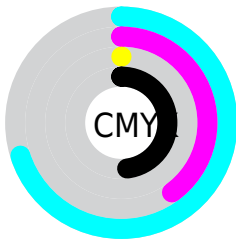
Distribution



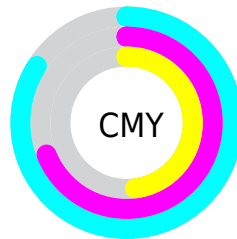
- Red (16%)
- Green (31%)
- Blue (52%)



- Red (16%)
- Yellow (26%)
- Blue (52%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3810, 28.8992, -29.2751 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 73.3810, 28.8992, -29.2751 by changing the saturation by 10% instead.

■ 73.3810, 28.8992,
-29.2751

■ 73.3810, 28.8992,
-29.2751

■ 255.0000, 0.0000,
0.0000

■ 45.0700, 30.5315,
-39.5264

■ 124.9300, 29.6145,
-25.3716

■ 29.8930, 25.6888,
-26.2162

■ 151.4570, 30.3407,
-24.9568

■ 14.3570, 22.0090,
-12.5911

■ 178.3970, 31.3563,
-24.0272

■ 5.2780, 15.1459,
-4.6288

■ 204.6870, 24.8043,
-22.5275

■ 1.3680, 5.2416,
-1.1997

■ 229.4950, 12.5740,
-19.7281

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,

-11.6808

■ 73.3810, 28.8992,
-29.2751

■ 73.3810, 28.8992,
-29.2751

■ 64.7980, 33.1306,
-33.1488

■ 81.9640, 24.6677,
-25.4014

■ 56.8020, 37.0726,
-37.5374

■ 89.9600, 20.7257,
-21.0129

■ 47.9200, 41.4514,
-42.0258

■ 98.8420, 16.3469,
-16.5244

■ 106.8380, 12.4049,
-12.1359

■ 115.4210, 8.1734,
-8.2622

■ 124.0040, 3.9420,
-4.3885

■ 132.0000, 0.0000,
0.0000

■ 140.8820, -4.3788,
4.4885

■ 148.8780, -8.3209,
8.8770

Harmonies

Analogous

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



65.6610, 30.7331, -57.5847



73.3810, 28.8992, -29.2751



80.6200, 19.9073, 8.2263

Triad

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



73.3810, 28.8992, -29.2751



77.6540, -15.1124, 40.6454



61.4210, -2.1796, -47.7272

Complementary

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



73.3810, 28.8992, -29.2751



98.6190, -28.8992, 29.2751

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.



71.7000, -18.5861, -12.0149



73.3810, 28.8992, -29.2751



76.7590, -24.5312, 28.2754

Square

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



73.3810, 28.8992, -29.2751



78.1780, -3.0458, 43.6939



74.4810, -26.3661, 10.1022



63.6940, 10.5039, -55.8596

Rectangle

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



73.3810, 28.8992, -29.2751



80.8950, 12.8698, 25.5251



74.4810, -26.3661, 10.1022



67.0980, -8.9223, -31.6579

Sweetspot

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



73.3810, 28.8992, -29.2751



147.9090, 11.3839, -11.3212



99.9320, -3.9105, -52.5604



72.7910, 7.0050, -6.8327



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



73.3810, 28.8992, -29.2751



79.2230, 45.2461, -45.7996



52.2820, 39.3010, -5.5093



61.8580, 2.0420, -1.6295



47.1050, 40.8672, -41.3111



0.9290, 1.0210, -0.8147

Inverse Universe

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



71.9540, 3.4737, 52.6603



77.0100, 5.4181, 82.4292



119.7180, -39.3010, 5.5093



62.0220, -0.0108, 3.4887



45.1400, 4.8610, 74.4222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 73.3810, 28.8992, -29.2751 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 73.3810, 28.8992, -29.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

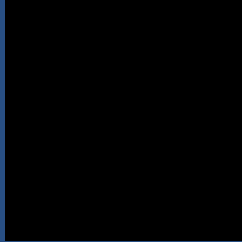
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3810, 28.8992, -29.2751

Background



This preview shows how black text looks on a background with the YUV color 73.3810, 28.8992, -29.2751.



This preview shows how white text looks on a background with the YUV color 73.3810, 28.8992,

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

73.3810, 28.8992, -29.2751

Protanopia

77.0620, 26.0984, -17.5944

Deuteranopia

73.3810, 28.8992, -29.2751



Tritanopia

61.7850, 15.8820, -54.1854

Trichromacy



Original Color

73.3810, 28.8992, -29.2751

Protanomaly

75.9690, 27.1303, -21.8978

Deuteranomaly

73.3810, 28.8992, -29.2751

Tritanomaly

66.1050, 20.6542, -44.8191

Monochromacy



Original Color

73.3810, 28.8992, -29.2751

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3810, 28.8992, -29.2751 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(40, 79, 132)` looks like.

```
.text, #text, p{  
    color:rgb(40, 79, 132)  
}
```

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(40, 79, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 79, 132) }
```

Border

The CSS property to change the border of an element to YUV 73.3810, 28.8992, -29.2751 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(40, 79, 132) }
```


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

```
.border{ border-color:rgb(40, 79, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 79, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 79, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 79, 132);  
box-shadow:4px 4px 4px 4px rgb(40, 79,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 73.3810, 28.8992, -29.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 79, 132) }
```

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

```
.background{ background-color: rgb(40, 79,  
132) }
```

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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