

Converting Colors

YUV(70.2860, 19.5790,
-26.5608)

Have a look what the booklet for
YUV(70.2860, 19.5790, -26.5608)
contains.

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Color

**YUV(70.2860, 19.5790,
-26.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	284E6E
RGB	40, 78, 110
RGB Percent	16%, 31%, 43%
CMY	0.8431, 0.6941, 0.5686
CMYK	0.64, 0.29, 0.00, 0.57
HSL	207°, 47%, 29%
HSV	207°, 64%, 43%
XYZ	6.4139, 7.0257, 15.7699
YIQ	70.2860, -32.9200, 1.8960

Conversions

Conversions Part 2

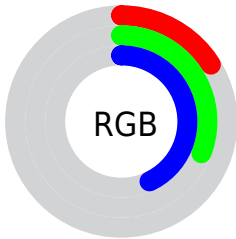
Format	Color
R_{YB}	40, 65, 110
Decimal	2641518
CIE _{Lab}	31.87, -2.75, -22.51
CIE _{LCh}	32, 22.673, 263.026
Yxy	7.0257, 0.2196, 0.2405
Android (android.graphics.Color)	4280831598 (0xFF284E6E)
YUV	70.2860, 19.5790, -26.5608
Hunter-Lab	26.5060, -3.1920, -16.7207




Details

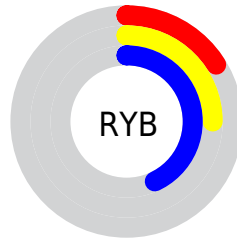
The YUV color **70.2860, 19.5790, -26.5608** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **79.7140, -19.5790, 26.5608**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **120.5250, 20.4472, -25.0164**, and **27.0260, 17.2422, -23.7018** is the 20% darker color. If you saturate the color by 10%, you get **64.0620, 22.6474, -30.7494**, and if you desaturate by 10%, it is **76.5100, 16.5106, -22.3723**.

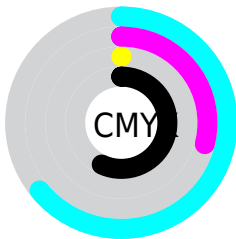
Distribution







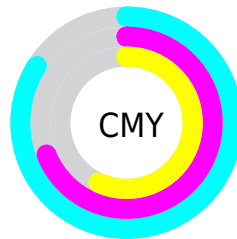
-  Red (16%)
-  Green (31%)
-  Blue (43%)






-  Red (16%)
-  Yellow (25%)
-  Blue (43%)



-  Cyan (64%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (84%)
-  Magenta (69%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2860, 19.5790, -26.5608 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 70.2860, 19.5790, -26.5608 by changing the saturation by 10% instead.

■ 70.2860, 19.5790,
-26.5608

■ 70.2860, 19.5790,
-26.5608

■ 255.0000, 0.0000,
0.0000

■ 44.4810, 20.4689,
-31.9938

■ 120.5250, 20.4472,
-25.0164

■ 27.0260, 17.2422,
-23.7018

■ 146.6390, 20.8840,
-25.1164

■ 11.0170, 14.2886,
-9.6619

■ 173.1660, 21.6102,
-24.7016

■ 2.6390, 7.5730,
-2.3144

■ 201.1660, 21.6102,
-24.7016

■ 0.0000, 0.0000,
0.0000

■ 227.1140, 13.7478,
-22.9020

■ 247.2260, 3.8326,

-15.9842

■ 70.2860, 19.5790,
-26.5608

■ 70.2860, 19.5790,
-26.5608

■ 64.0620, 22.6474,
-30.7494

■ 76.5100, 16.5106,
-22.3723

■ 57.8380, 25.7159,
-34.9379

■ 82.7340, 13.4421,
-18.1837

■ 51.6140, 28.7843,
-39.1265

■ 88.9580, 10.3737,
-13.9952

■ 47.7600, 30.6843,
-41.8855

■ 95.1820, 7.3053,
-9.8066

■ 101.4060, 4.2368,
-5.6181

■ 107.6300, 1.1684,
-1.4295

■ 113.8540, -1.9000,
2.7590

■ 120.0780, -4.9685,
6.9476

■ 126.3020, -8.0369,
11.1361

Harmonies

Analogous

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



59.8760, 21.2601, -52.5113



70.2860, 19.5790, -26.5608



75.8050, 15.8721, -4.2140

Triad

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



70.2860, 19.5790, -26.5608



76.0530, -6.9281, 28.8945



69.7240, -8.2449, -15.5439

Complementary

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



70.2860, 19.5790, -26.5608



79.7140, -19.5790, 26.5608

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.



72.2870, -15.4245, 0.6253



70.2860, 19.5790, -26.5608



74.8970, -13.7532, 24.6463

Square

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



70.2860, 19.5790, -26.5608



76.6210, 1.6658, 25.7654



73.6200, -17.0677, 14.3653



65.0620, 2.4344, -34.2574

Rectangle

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



70.2860, 19.5790, -26.5608



76.8560, 11.9030, 8.8963



73.6200, -17.0677, 14.3653



70.6600, -11.1714, -10.2258

Sweetspot

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



70.2860, 19.5790, -26.5608



127.2960, 7.7421, -9.9066



84.7380, -6.2798, -39.2352



62.1070, 4.3842, -6.2328



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.



70.2860, 19.5790, -26.5608



81.0590, 30.5369, -41.2707



49.7410, 29.7077, -8.5429



53.0320, 1.4632, -2.6591



51.8350, 33.6053, -45.4593



106.8160, 69.1107, -93.6776

Inverse Universe

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



65.2620, 6.2798, 39.2352



73.3170, 9.7037, 61.1120



100.2590, -29.7077, 8.5429



52.2500, 0.8628, 3.2888



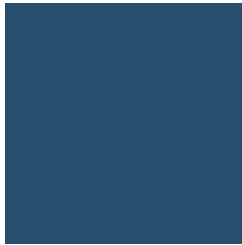
43.2900, 10.7030, 67.2747



89.1290, 22.1214, 138.4529

Previews

White Background



This preview shows how the YUV color 70.2860, 19.5790, -26.5608 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 70.2860, 19.5790, -26.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

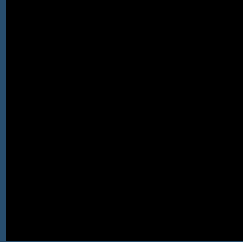
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

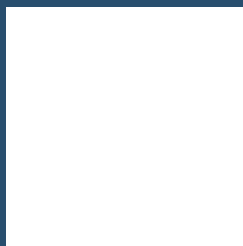
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.2860, 19.5790, -26.5608

Background



This preview shows how black text looks on a background with the YUV color 70.2860, 19.5790, -26.5608.



This preview shows how white text looks on a background with the YUV color 70.2860, 19.5790,

-26.5608.

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

70.2860, 19.5790, -26.5608

Protanopia

74.6580, 15.4516, -9.3471

Deuteranopia

73.7330, 18.3726, -12.9208



Tritanopia

66.9510, 10.8702, -33.2830

Trichromacy



Original Color

70.2860, 19.5790, -26.5608

Protanomaly

72.6680, 16.9257, -15.4948

Deuteranomaly

72.2270, 19.1151, -17.7391

Tritanomaly

68.4720, 14.0643, -31.1089

Monochromacy



Original Color

70.2860, 19.5790, -26.5608

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2860, 19.5790, -26.5608 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, 78, 110)` looks like.

```
.text, #text, p{  
    color:rgb(40, 78, 110)  
}
```

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, 78, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 78, 110) }
```

Border

The CSS property to change the border of an element to YUV 70.2860, 19.5790, -26.5608 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, 78, 110) }
```


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

```
.border{ border-color:rgb(40, 78, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 78, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 78, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 78, 110);  
box-shadow:4px 4px 4px 4px rgb(40, 78,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 70.2860, 19.5790, -26.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 78, 110) }
```

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

```
.background{ background-color: rgb(40, 78,  
110) }
```

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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