

Converting Colors

YUV(70.5630, 19.4424,
-29.4348)

Have a look what the booklet for
YUV(70.5630, 19.4424, -29.4348)
contains.

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Color

**YUV(70.5630, 19.4424,
-29.4348)**

Conversions

Conversions Part 1

Format	Color
Hex	25506E
RGB	37, 80, 110
RGB Percent	15%, 31%, 43%
CMY	0.8549, 0.6863, 0.5686
CMYK	0.66, 0.27, 0.00, 0.57
HSL	205°, 50%, 29%
HSV	205°, 66%, 43%
XYZ	6.4461, 7.2564, 15.8127
YIQ	70.5630, -35.2580, 0.2140

Conversions

Conversions Part 2

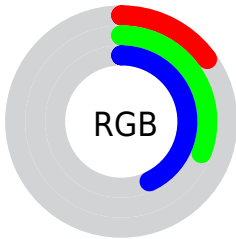
Format	Color
R_YB	37, 64, 110
Decimal	2445422
CIE Lab	32.38, -4.65, -21.71
CIE LCh	32, 22.198, 257.914
Yxy	7.2564, 0.2184, 0.2459
Android (android.graphics.Color)	4280635502 (0xFF25506E)
YUV	70.5630, 19.4424, -29.4348
Hunter-Lab	26.9378, -4.4268, -15.9474

Details

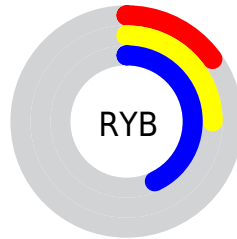
The YUV color **70.5630, 19.4424, -29.4348** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **76.4370, -19.4424, 29.4348**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1010, 20.1632, -27.2756**, and **28.2000, 16.6634, -24.7314** is the 20% darker color. If you saturate the color by 10%, you get **64.3390, 22.5109, -33.6233**, and if you desaturate by 10%, it is **76.7870, 16.3740, -25.2462**.

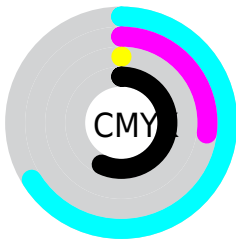
Distribution



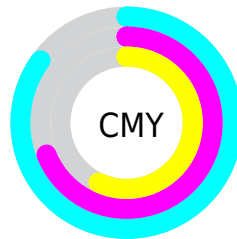
- Red (15%)
- Green (31%)
- Blue (43%)



- Red (15%)
- Yellow (25%)
- Blue (43%)



- Cyan (66%)
- Magenta (27%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5630, 19.4424, -29.4348 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 70.5630, 19.4424, -29.4348 by changing the saturation by 10% instead.

■ 70.5630, 19.4424,
-29.4348

■ 70.5630, 19.4424,
-29.4348

■ 255.0000, 0.0000,
0.0000

■ 43.8610, 20.7745,
-36.7121

■ 121.1010, 20.1632,
-27.2756

■ 28.2000, 16.6634,
-24.7314

■ 147.2150, 20.6000,
-27.3756

■ 12.7780, 13.4204,
-11.2063

■ 174.3290, 21.0368,
-27.4755

■ 2.7530, 8.0098,
-2.4144

■ 201.7420, 21.3262,
-26.9607

■ 0.0000, 0.0000,
0.0000

■ 228.2770, 13.1744,
-25.6759

■ 246.6280, 4.1274,

-17.2138

■ 70.5630, 19.4424,
-29.4348

■ 70.5630, 19.4424,
-29.4348

■ 64.3390, 22.5109,
-33.6233

■ 76.7870, 16.3740,
-25.2462

■ 58.7020, 25.2899,
-38.3267

■ 82.4240, 13.5950,
-20.5428

■ 52.4780, 28.3583,
-42.5152

■ 88.6480, 10.5265,
-16.3543

■ 50.6950, 29.2374,
-44.4595

■ 94.2850, 7.7475,
-11.6509

■ 100.5090, 4.6791,
-7.4624

■ 106.1460, 1.9000,
-2.7590

■ 112.3700, -1.1684,
1.4295

■ 118.0070, -3.9475,
6.1329

■ 124.2310, -7.0159,
10.3214

Harmonies

Analogous

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



60.9360, 20.2446, -53.4409



70.5630, 19.4424, -29.4348



76.1960, 16.1724, -7.1879

Triad

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



70.5630, 19.4424, -29.4348



77.3950, -5.6177, 28.5946



71.6920, -9.7082, -12.8849

Complementary

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



70.5630, 19.4424, -29.4348



76.4370, -19.4424, 29.4348

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.



73.5970, -15.5773, 2.9844



70.5630, 19.4424, -29.4348



76.8370, -12.7376, 25.5760

Square

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



70.5630, 19.4424, -29.4348



78.2510, 2.8343, 24.3359



75.7450, -16.6363, 16.0096



67.8130, 0.0922, -29.6540

Rectangle

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



70.5630, 19.4424, -29.4348



78.0620, 12.7874, 5.2076



75.7450, -16.6363, 16.0096



72.1550, -11.9084, -7.1519

Sweetspot

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



70.5630, 19.4424, -29.4348



127.2850, 7.7475, -11.6509



83.1570, -8.4584, -40.4797



61.8080, 4.5317, -6.8476



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.



70.5630, 19.4424, -29.4348



81.3250, 30.4058, -45.8890



49.4310, 29.8605, -10.9020



53.0320, 1.4632, -2.6591



55.3570, 31.8690, -48.5481



113.8600, 65.6380, -99.8552

Inverse Universe

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



63.7290, 8.0216, 40.5797



70.7240, 12.4611, 63.3861



97.5690, -29.8605, 10.9020



52.2500, 0.8628, 3.2888



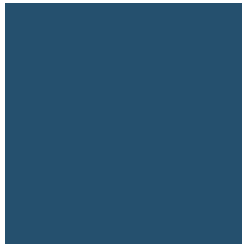
43.9740, 13.3238, 66.6748



90.4970, 27.3630, 137.2531

Previews

White Background



This preview shows how the YUV color 70.5630, 19.4424, -29.4348 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 70.5630, 19.4424, -29.4348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

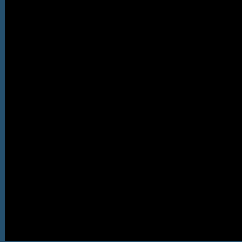
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

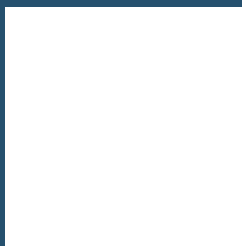
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.5630, 19.4424, -29.4348

Background



This preview shows how black text looks on a background with the YUV color 70.5630, 19.4424, -29.4348.

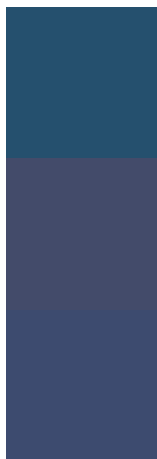


This preview shows how white text looks on a background with the YUV color 70.5630, 19.4424,

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

70.5630, 19.4424, -29.4348

Protanopia

76.1420, 14.7200, -8.0175

Deuteranopia

74.9180, 17.7884, -12.2061



Tritanopia

67.0430, 11.3178, -36.8717

Trichromacy



Original Color

70.5630, 19.4424, -29.4348

Protanomaly

74.1410, 16.1995, -15.9097

Deuteranomaly

73.4010, 18.5363, -18.7687

Tritanomaly

68.4500, 14.0752, -34.5976

Monochromacy



Original Color

70.5630, 19.4424, -29.4348

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5630, 19.4424, -29.4348 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(37, 80, 110)` looks like.

```
.text, #text, p{  
    color:rgb(37, 80, 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(37, 80, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 80, 110) }
```

Border

The CSS property to change the border of an element to YUV 70.5630, 19.4424, -29.4348 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(37, 80, 110) }
```


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

```
.border{ border-color:rgb(37, 80, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 80, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 80, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 80, 110);  
box-shadow:4px 4px 4px 4px rgb(37, 80,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 70.5630, 19.4424, -29.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 80, 110) }
```

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

```
.background{ background-color: rgb(37, 80,  
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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