

Converting Colors

YUV(70.4680, 10.1223,
-26.7204)

Have a look what the booklet for
YUV(70.4680, 10.1223, -26.7204)
contains.

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Color

**YUV(70.4680, 10.1223,
-26.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	28525B
RGB	40, 82, 91
RGB Percent	16%, 32%, 36%
CMY	0.8431, 0.6784, 0.6431
CMYK	0.56, 0.10, 0.00, 0.64
HSL	191°, 39%, 26%
HSV	191°, 56%, 36%
XYZ	5.7807, 7.2410, 10.9905
YIQ	70.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

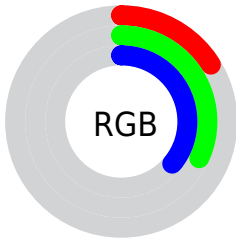
Format	Color
R_{YB}	40, 63, 91
Decimal	2642523
CIE _{Lab}	32.35, -11.77, -9.76
CIE _{LCh}	32, 15.292, 219.661
Yxy	7.2410, 0.2407, 0.3016
Android (android.graphics.Color)	4280832603 (0xFF28525B)
YUV	70.4680, 10.1223, -26.7204
Hunter-Lab	26.9092, -8.7452, -5.3794




Details

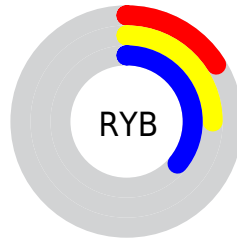
The YUV color **70.4680, 10.1223, -26.7204** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.5320, -10.1223, 26.7204**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.8810, 10.4117, -26.2056**, and **26.8490, 8.9484, -23.5466** is the 20% darker color. If you saturate the color by 10%, you get **66.6030, 12.0277, -31.2238**, and if you desaturate by 10%, it is **74.3330, 8.2168, -22.2170**.

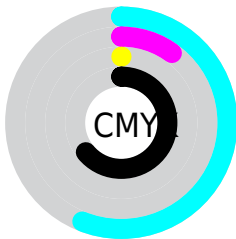
Distribution







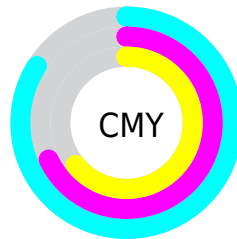
-  Red (16%)
-  Green (32%)
-  Blue (36%)






-  Red (16%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (56%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4680, 10.1223, -26.7204 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 70.4680, 10.1223, -26.7204 by changing the saturation by 10% instead.

70.4680, 10.1223,
-26.7204

70.4680, 10.1223,
-26.7204

255.0000, 0.0000,
0.0000

46.2720, 10.7119,
-29.1795

119.8810, 10.4117,
-26.2056

26.8490, 8.9484,
-23.5466

146.4680, 10.1223,
-26.7204

12.2420, 6.2897,
-10.7362

173.2830, 10.7065,
-27.4352

0.0000, 0.0000,
0.0000

200.3970, 11.1433,
-27.5352

228.9840, 10.8539,
-28.0500

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 70.4680, 10.1223,
-26.7204

■ 70.4680, 10.1223,
-26.7204

■ 66.6030, 12.0277,
-31.2238

■ 74.3330, 8.2168,
-22.2170

■ 63.3250, 13.6438,
-36.2420

■ 77.6110, 6.6008,
-17.1988

■ 59.4600, 15.5492,
-40.7454

■ 81.4760, 4.6953,
-12.6955

■ 56.1820, 17.1653,
-45.7636

■ 84.7540, 3.0793,
-7.6773

■ 54.3990, 18.0443,
-47.7079

■ 88.9180, 1.0264,
-2.5591

■ 92.7830, -0.8790,
1.9443

■ 96.0610, -2.4951,
6.9625

■ 99.9260, -4.4005,
11.4659

■ 103.2040, -6.0166,
16.4841

Harmonies

Analogous

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



70.6980, 4.5859, -24.2911



70.4680, 10.1223, -26.7204



73.0820, 12.2846, -20.2429

Triad

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



70.4680, 10.1223, -26.7204



78.0110, 3.4456, 14.8994



75.3460, -11.5096, 4.9586

Complementary

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



70.4680, 10.1223, -26.7204



60.5320, -10.1223, 26.7204

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.



76.5150, -11.0999, 13.5803



70.4680, 10.1223, -26.7204



77.5510, -2.2436, 19.6878

Square

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



70.4680, 10.1223, -26.7204



77.9110, 8.4249, 4.4631



77.0580, -7.9166, 19.2431



73.4910, -8.1301, -5.6926

Rectangle

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



70.4680, 10.1223, -26.7204



74.8380, 12.4049, -12.1359



77.0580, -7.9166, 19.2431



75.3680, -11.5204, 8.4473

Sweetspot

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



70.4680, 10.1223, -26.7204



109.2590, 3.8163, -10.7511



70.8490, -11.2646, -27.0546



54.2380, 2.3477, -6.3477



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.4680, 10.1223, -26.7204



85.4600, 15.5492, -40.7454



55.7930, 17.3571, -13.8505



43.9180, 1.0264, -2.5591



65.3700, 22.0026, -57.3295



141.4830, 47.0899, -124.0806

Inverse Universe

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



60.0370, 10.8278, 27.1546



69.6180, 16.4573, 41.5540



75.2070, -17.3571, 13.8505



42.9510, 1.0102, 2.6740



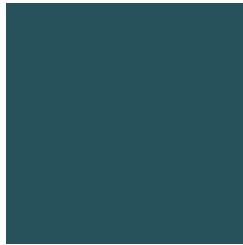
43.1500, 23.0970, 58.6274



93.0930, 50.2402, 126.2064

Previews

White Background



This preview shows how the YUV color 70.4680, 10.1223, -26.7204 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 70.4680, 10.1223, -26.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

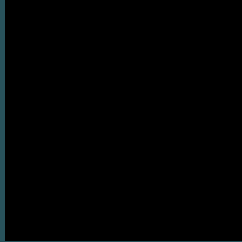
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4680, 10.1223, -26.7204

Background



This preview shows how black text looks on a background with the YUV color 70.4680, 10.1223, -26.7204.



This preview shows how white text looks on a background with the YUV color 70.4680, 10.1223,

-26.7204.

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

70.4680, 10.1223, -26.7204

Protanopia

76.0690, 5.3890, -1.8145

Deuteranopia

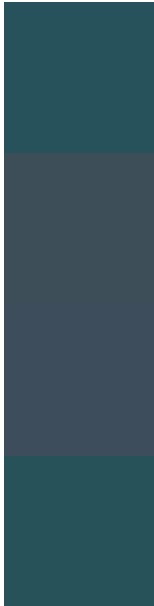
76.4650, 8.1518, -1.2848



Tritanopia

69.9410, 9.3961, -27.1353

Trichromacy



Original Color

70.4680, 10.1223, -26.7204

Protanomaly

74.3560, 6.7265, -10.8362

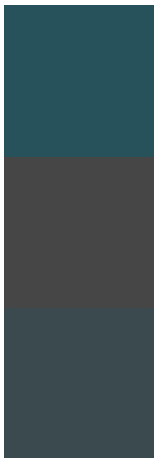
Deuteranomaly

74.2250, 8.7631, -10.7213

Tritanomaly

70.0550, 9.8329, -27.2352

Monochromacy



Original Color

70.4680, 10.1223, -26.7204

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4680, 10.1223, -26.7204 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, 82, 91)` looks like.

```
.text, #text, p{  
    color:rgb(40, 82, 91)  
}
```

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, 82, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 82, 91) }
```

Border

The CSS property to change the border of an element to YUV 70.4680, 10.1223, -26.7204 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, 82, 91) }
```


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

```
.border{ border-color:rgb(40, 82, 91) }
```

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

Here you see how a box with a 4 pixel rgb(40, 82, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 82, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 82, 91);  
box-shadow:4px 4px 4px 4px rgb(40, 82, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4680, 10.1223, -26.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 82, 91) }
```

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

```
.background{ background-color: rgb(40, 82,  
91) }
```

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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