

Converting Colors

YUV(67.0870, 31.5091,
-26.3863)

Have a look what the booklet for
YUV(67.0870, 31.5091, -26.3863)
contains.

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Color

**YUV(67.0870, 31.5091,
-26.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	254683
RGB	37, 70, 131
RGB Percent	15%, 27%, 51%
CMY	0.8549, 0.7255, 0.4863
CMYK	0.72, 0.47, 0.00, 0.49
HSL	219°, 56%, 33%
HSV	219°, 72%, 51%
XYZ	7.0498, 6.4123, 22.3389
YIQ	67.0870, -39.2490, 11.9750

Conversions

Conversions Part 2

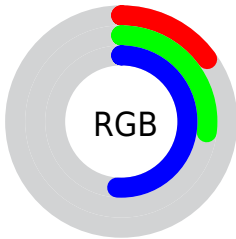
Format	Color
R_{YB}	37, 61, 131
Decimal	2442883
CIE _{Lab}	30.43, 9.95, -37.91
CIE _{LCh}	30, 39.192, 284.709
Yxy	6.4123, 0.1969, 0.1791
Android (android.graphics.Color)	4280632963 (0xFF254683)
YUV	67.0870, 31.5091, -26.3863
Hunter-Lab	25.3226, 5.3802, -34.5782

Details

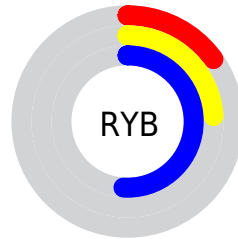
The YUV color **67.0870, 31.5091, -26.3863** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **100.9130, -31.5091, 26.3863**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4620, 32.8032, -21.4532**, and **25.6700, 27.2777, -22.5126** is the 20% darker color. If you saturate the color by 10%, you get **57.9170, 36.0299, -29.7452**, and if you desaturate by 10%, it is **76.2570, 26.9883, -23.0274**.

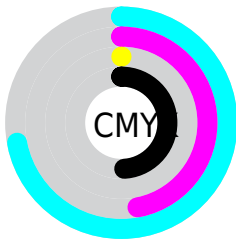
Distribution



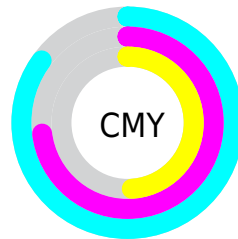
- Red (15%)
- Green (27%)
- Blue (51%)



- Red (15%)
- Yellow (24%)
- Blue (51%)



- Cyan (72%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0870, 31.5091, -26.3863 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 67.0870, 31.5091, -26.3863 by changing the saturation by 10% instead.

■ 67.0870, 31.5091,
-26.3863

■ 67.0870, 31.5091,
-26.3863

■ 255.0000, 0.0000,
0.0000

■ 40.1460, 31.9730,
-35.2080

■ 118.4620, 32.8032,
-21.4532

■ 25.6700, 27.2777,
-22.5126

■ 144.2880, 33.3820,
-20.4236

■ 6.6120, 25.3343,
-5.7987

■ 171.8150, 34.1082,
-20.0088

■ 5.1640, 14.7091,
-4.5288

■ 197.6320, 28.2824,
-18.0943

■ 1.1400, 4.3680,
-0.9998

■ 222.4400, 16.0521,
-15.2949

■ 0.0000, 0.0000,
0.0000

■ 247.5470, 3.6743,

-11.8807

■ 67.0870, 31.5091,
-26.3863

■ 67.0870, 31.5091,
-26.3863

■ 57.9170, 36.0299,
-29.7452

■ 76.2570, 26.9883,
-23.0274

■ 49.3340, 40.2613,
-33.6189

■ 84.8400, 22.7569,
-19.1537

■ 41.9360, 43.9086,
-36.7779

■ 94.0100, 18.2361,
-15.7948

■ 102.5930, 14.0047,
-11.9211

■ 112.0620, 9.3364,
-7.9474

■ 120.6450, 5.1050,
-4.0737

■ 129.8150, 0.5842,
-0.7148

■ 138.3980, -3.6472,
3.1590

■ 147.5680, -8.1680,
6.5179

Harmonies

Analogous

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



61.3070, 34.3586, -53.7662



67.0870, 31.5091, -26.3863



74.0770, 20.1750, 15.7185

Triad

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



67.0870, 31.5091, -26.3863



69.5250, -19.4858, 43.3896



56.0510, -1.0111, -49.1567

Complementary

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



67.0870, 31.5091, -26.3863



100.9130, -31.5091, 26.3863

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.



61.4600, -17.9748, -21.4514



67.0870, 31.5091, -26.3863



67.8530, -30.4935, 27.3159

Square

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



67.0870, 31.5091, -26.3863



68.9400, -5.3934, 50.0416



66.0800, -31.5914, 6.0688



60.2860, 12.6770, -52.8708

Rectangle

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



67.0870, 31.5091, -26.3863



72.8360, 12.4059, 34.3468



66.0800, -31.5914, 6.0688



54.3240, -5.0897, -47.6421

Sweetspot

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



67.0870, 31.5091, -26.3863



144.9630, 12.8362, -10.4916



99.0180, -0.9949, -54.3898



71.3180, 7.7312, -6.4179



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.



67.0870, 31.5091, -26.3863



71.2820, 49.1610, -41.4663



51.6030, 39.1427, -1.4058



61.8580, 2.0420, -1.6295



41.8220, 43.4718, -36.6779



0.9290, 1.0210, -0.8147

Inverse Universe

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



68.8680, 0.5581, 54.4898



73.8810, 1.0447, 85.1734



116.3970, -39.1427, 1.4058



62.0220, -0.0108, 3.4887



44.1140, 0.9298, 75.3220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 67.0870, 31.5091, -26.3863 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 67.0870, 31.5091, -26.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

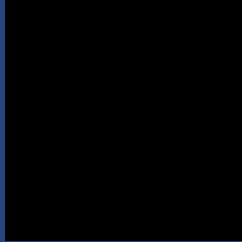
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0870, 31.5091, -26.3863

Background



This preview shows how black text looks on a background with the YUV color 67.0870, 31.5091, -26.3863.



This preview shows how white text looks on a background with the YUV color 67.0870, 31.5091,

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

67.0870, 31.5091, -26.3863

Protanopia

67.5820, 30.7721, -23.3124

Deuteranopia

57.5570, 35.2214, -50.4775



Tritanopia

56.1770, 14.7027, -49.2672

Trichromacy



Original Color

67.0870, 31.5091, -26.3863

Protanomaly

67.2830, 30.9195, -23.9272

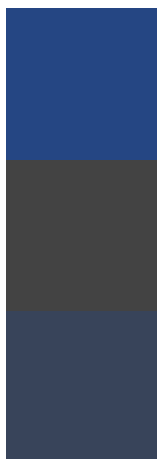
Deuteranomaly

60.9710, 34.0313, -42.0706

Tritanomaly

60.1270, 20.6434, -41.3304

Monochromacy



Original Color

67.0870, 31.5091, -26.3863

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0870, 31.5091, -26.3863 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, 70, 131)` looks like.

```
.text, #text, p{  
    color:rgb(37, 70, 131)  
}
```

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, 70, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 70, 131) }
```

Border

The CSS property to change the border of an element to YUV 67.0870, 31.5091, -26.3863 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, 70, 131) }
```


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

```
.border{ border-color:rgb(37, 70, 131) }
```

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

Here you see how a box with a 4 pixel rgb(37, 70, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 70, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 70, 131);  
box-shadow:4px 4px 4px 4px rgb(37, 70,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 67.0870, 31.5091, -26.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 70, 131) }
```

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

```
.background{ background-color: rgb(37, 70,  
131) }
```

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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