

Converting Colors

YUV(69.3340, 20.0483,
-37.1269)

Have a look what the booklet for
YUV(69.3340, 20.0483, -37.1269)
contains.

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Color

**YUV(69.3340, 20.0483,
-37.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	1B536E
RGB	27, 83, 110
RGB Percent	11%, 33%, 43%
CMY	0.8941, 0.6745, 0.5686
CMYK	0.75, 0.25, 0.00, 0.57
HSL	200°, 61%, 27%
HSV	200°, 75%, 43%
XYZ	6.3597, 7.5453, 15.8730
YIQ	69.3340, -42.0430, -3.4750

Conversions

Conversions Part 2

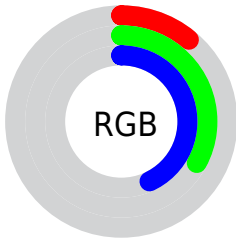
Format	Color
R_{YB}	27, 60, 110
Decimal	1790830
CIE _{Lab}	33.02, -8.29, -20.75
CIE _{LCh}	33, 22.344, 248.210
Yxy	7.5453, 0.2136, 0.2534
Android (android.graphics.Color)	4279980910 (0xFF1B536E)
YUV	69.3340, 20.0483, -37.1269
Hunter-Lab	27.4687, -6.7429, -15.0331

Details

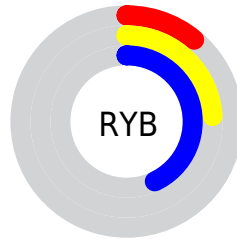
The YUV color **69.3340, 20.0483, -37.1269** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67.6660, -20.0483, 37.1269**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7690, 20.3269, -33.1234**, and **29.3740, 16.0846, -25.7610** is the 20% darker color. If you saturate the color by 10%, you get **63.6970, 22.8274, -41.8303**, and if you desaturate by 10%, it is **74.9710, 17.2693, -32.4236**.

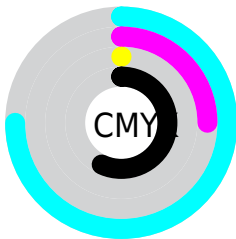
Distribution



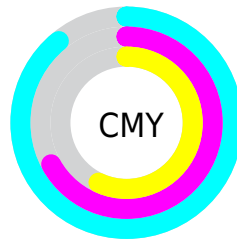
- Red (11%)
- Green (33%)
- Blue (43%)



- Red (11%)
- Yellow (24%)
- Blue (43%)



- Cyan (75%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (89%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3340, 20.0483, -37.1269 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 69.3340, 20.0483, -37.1269 by changing the saturation by 10% instead.

■ 69.3340, 20.0483,
-37.1269

■ 69.3340, 20.0483,
-37.1269

■ 255.0000, 0.0000,
0.0000

■ 45.0240, 20.2012,
-39.4860

■ 120.7690, 20.3269,
-33.1234

■ 29.3740, 16.0846,
-25.7610

■ 147.7690, 20.3269,
-33.1234

■ 15.1260, 12.2629,
-13.2655

■ 174.2960, 21.0531,
-32.7086

■ 2.7530, 8.0098,
-2.4144

■ 202.2960, 21.0531,
-32.7086

■ 0.0000, 0.0000,
0.0000

■ 228.2440, 13.1907,
-30.9090

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

69.3340, 20.0483,
-37.1269

69.3340, 20.0483,
-37.1269

63.6970, 22.8274,
-41.8303

74.9710, 17.2693,
-32.4236

58.6470, 25.3170,
-47.0484

80.0210, 14.7796,
-27.2054

55.9780, 26.6328,
-49.0927

85.6580, 12.0006,
-22.5021

90.7080, 9.5110,
-17.2839

96.3450, 6.7319,
-12.5806

■ 101.3950, 4.2423,
-7.3624

■ 107.0320, 1.4632,
-2.6591

■ 112.6690, -1.3158,
2.0443

■ 117.7190, -3.8055,
7.2624

Harmonies

Analogous

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



61.7680, 18.3554, -54.1705



69.3340, 20.0483, -37.1269



76.4940, 17.5045, -14.4652

Triad

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



69.3340, 20.0483, -37.1269



79.3780, -3.1444, 28.6095



73.7420, -12.1978, -7.6667

Complementary

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



69.3340, 20.0483, -37.1269



67.6660, -20.0483, 37.1269

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.



75.6900, -16.6092, 7.2879



69.3340, 20.0483, -37.1269



78.1300, -10.4171, 27.9500

Square

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



69.3340, 20.0483, -37.1269



80.2120, 5.3185, 20.8621



77.2940, -15.9209, 19.9132



70.6350, -3.2711, -24.2359

Rectangle

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



69.3340, 20.0483, -37.1269



78.5990, 14.9877, -0.5253



77.2940, -15.9209, 19.9132



74.9060, -14.2507, -2.5486

Sweetspot

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



69.3340, 20.0483, -37.1269



126.6760, 8.0477, -14.6249



78.6850, -12.6627, -45.3277



61.4980, 4.6845, -9.2067



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.



69.3340, 20.0483, -37.1269



79.4760, 31.3173, -58.2995



45.2670, 31.9134, -16.0202



53.0320, 1.4632, -2.6591



61.2270, 28.9751, -53.6961



126.1870, 59.5608, -110.6660

Inverse Universe

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



58.2010, 12.2259, 45.4277



61.9020, 19.2753, 71.1229



91.7330, -31.9134, 16.0202



52.2500, 0.8628, 3.2888



45.1140, 17.6918, 65.6750



92.8910, 36.5357, 135.1536

Previews

White Background



This preview shows how the YUV color 69.3340, 20.0483, -37.1269 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 69.3340, 20.0483, -37.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

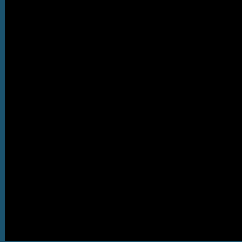
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3340, 20.0483, -37.1269

Background



This preview shows how black text looks on a background with the YUV color 69.3340, 20.0483, -37.1269.



This preview shows how white text looks on a background with the YUV color 69.3340, 20.0483,

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

69.3340, 20.0483, -37.1269

Protanopia

77.2130, 13.6990, -7.2028

Deuteranopia

76.9890, 16.7674, -11.3914



Tritanopia

62.2800, 15.1450, -51.1116

Trichromacy



Original Color

69.3340, 20.0483, -37.1269

Protanomaly

74.7170, 15.9155, -18.1688

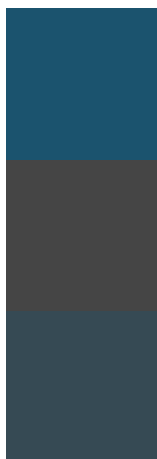
Deuteranomaly

74.2760, 18.1049, -20.4131

Tritanomaly

64.7690, 16.8759, -46.2784

Monochromacy



Original Color

69.3340, 20.0483, -37.1269

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3340, 20.0483, -37.1269 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(27, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(27, 83, 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(27, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 83, 110) }
```

Border

The CSS property to change the border of an element to YUV 69.3340, 20.0483, -37.1269 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(27, 83, 110) }
```


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

```
.border{ border-color:rgb(27, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(27, 83,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 69.3340, 20.0483, -37.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 83, 110) }
```

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

```
.background{ background-color: rgb(27, 83,  
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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