

Converting Colors

YUV(68.1390, 19.1585,
-31.6939)

Have a look what the booklet for
YUV(68.1390, 19.1585, -31.6939)
contains.

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Color

**YUV(68.1390, 19.1585,
-31.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	204F6B
RGB	32, 79, 107
RGB Percent	13%, 31%, 42%
CMY	0.8745, 0.6902, 0.5804
CMYK	0.70, 0.26, 0.00, 0.58
HSL	202°, 54%, 27%
HSV	202°, 70%, 42%
XYZ	6.0455, 6.9606, 14.9348
YIQ	68.1390, -37.0000, -1.2560

Conversions

Conversions Part 2

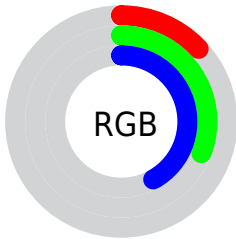
Format	Color
R_{YB}	32, 61, 107
Decimal	2117483
CIE _{Lab}	31.72, -6.09, -20.87
CIE _{LCh}	32, 21.743, 253.738
Yxy	6.9606, 0.2164, 0.2491
Android (android.graphics.Color)	4280307563 (0xFF204F6B)
YUV	68.1390, 19.1585, -31.6939
Hunter-Lab	26.3829, -5.2679, -15.0948




Details

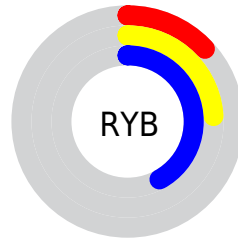
The YUV color **68.1390, 19.1585, -31.6939** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **70.8610, -19.1585, 31.6939**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.9760, 19.7318, -28.9200**, and **27.2710, 15.6424, -23.9167** is the 20% darker color. If you saturate the color by 10%, you get **62.5020, 21.9375, -36.3973**, and if you desaturate by 10%, it is **73.7760, 16.3794, -26.9906**.

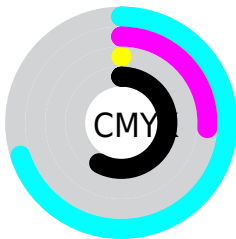
Distribution







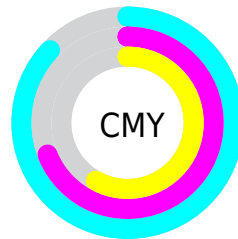
-  Red (13%)
-  Green (31%)
-  Blue (42%)






-  Red (13%)
-  Yellow (24%)
-  Blue (42%)



-  Cyan (70%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (69%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1390, 19.1585, -31.6939 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 68.1390, 19.1585, -31.6939 by changing the saturation by 10% instead.

■ 68.1390, 19.1585,
-31.6939

■ 68.1390, 19.1585,
-31.6939

■ 255.0000, 0.0000,
0.0000

■ 42.3340, 20.0483,
-37.1269

■ 118.9760, 19.7318,
-28.9200

■ 27.2710, 15.6424,
-23.9167

■ 144.9760, 19.7318,
-28.9200

■ 11.9630, 12.8362,
-10.4916

■ 172.0900, 20.1686,
-29.0199

■ 2.2970, 6.2626,
-2.0145

■ 199.3180, 21.0422,
-29.2199

■ 0.0000, 0.0000,
0.0000

■ 226.1950, 14.2009,
-28.2350

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 68.1390, 19.1585,
-31.6939

■ 68.1390, 19.1585,
-31.6939

■ 62.5020, 21.9375,
-36.3973

■ 73.7760, 16.3794,
-26.9906

■ 57.1640, 24.5691,
-40.4858

■ 79.1140, 13.7478,
-22.9020

■ 51.5270, 27.3482,
-45.1892

■ 84.7510, 10.9688,
-18.1986

■ 90.3880, 8.1897,
-13.4953

■ 96.0250, 5.4107,
-8.7919

■ 101.3630, 2.7790,
-4.7034

■ 107.0000, 0.0000,
0.0000

■ 112.6370, -2.7790,
4.7034

■ 117.9750, -5.4107,
8.7919

Harmonies

Analogous

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



59.3060, 19.0761, -52.0114



68.1390, 19.1585, -31.6939



74.5870, 16.4726, -10.1618

Triad

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



68.1390, 19.1585, -31.6939



75.7370, -4.3073, 28.2947



70.1870, -10.4452, -9.8110

Complementary

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



68.1390, 19.1585, -31.6939



70.8610, -19.1585, 31.6939

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.



72.6080, -15.5827, 4.7288



68.1390, 19.1585, -31.6939



75.1790, -11.4272, 25.2760

Square

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



68.1390, 19.1585, -31.6939



76.5820, 4.1501, 22.2916



73.9840, -15.7681, 17.5540



67.1940, -1.0816, -26.4801

Rectangle

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



68.1390, 19.1585, -31.6939



75.8660, 13.3771, 2.7485



73.9840, -15.7681, 17.5540



71.3510, -12.4980, -4.6928

Sweetspot

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



68.1390, 19.1585, -31.6939



124.8720, 7.4581, -12.1657



79.2170, -9.4740, -41.4093



62.3950, 4.2423, -7.3624



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.



68.1390, 19.1585, -31.6939



78.8900, 30.1272, -49.8925



46.4200, 29.8659, -12.6463



51.0320, 1.4632, -2.6591



56.7760, 29.6904, -49.7926



117.7410, 62.7387, -103.2589

Inverse Universe

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



59.7830, 9.4740, 41.4093



65.7180, 14.9290, 65.1453



92.5800, -29.8659, 12.6463



50.2500, 0.8628, 3.2887



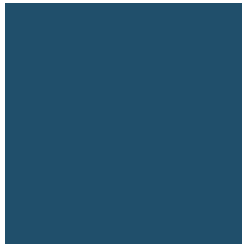
43.4190, 15.0764, 64.5305



90.6970, 30.7154, 135.3237

Previews

White Background



This preview shows how the YUV color 68.1390, 19.1585, -31.6939 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 68.1390, 19.1585, -31.6939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

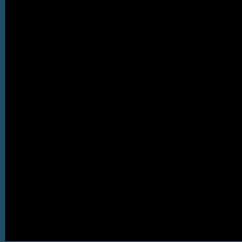
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1390, 19.1585, -31.6939

Background



This preview shows how black text looks on a background with the YUV color 68.1390, 19.1585, -31.6939.

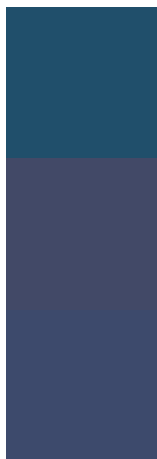


This preview shows how white text looks on a background with the YUV color 68.1390, 19.1585,

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

68.1390, 19.1585, -31.6939

Protanopia

74.3270, 14.1358, -7.3028

Deuteranopia

73.9890, 16.7674, -11.3914



Tritanopia

63.9610, 12.3442, -39.4308

Trichromacy



Original Color

68.1390, 19.1585, -31.6939

Protanomaly

72.0270, 15.7627, -15.8097

Deuteranomaly

71.8740, 17.8101, -19.1835

Tritanomaly

65.6670, 14.9542, -36.5420

Monochromacy



Original Color

68.1390, 19.1585, -31.6939

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1390, 19.1585, -31.6939 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(32, 79, 107)` looks like.

```
.text, #text, p{  
    color:rgb(32, 79, 107)  
}
```

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(32, 79, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 79, 107) }
```

Border

The CSS property to change the border of an element to YUV 68.1390, 19.1585, -31.6939 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(32, 79, 107) }
```


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

```
.border{ border-color:rgb(32, 79, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 79, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 79, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 79, 107);  
box-shadow:4px 4px 4px 4px rgb(32, 79,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 68.1390, 19.1585, -31.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 79, 107) }
```

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

```
.background{ background-color: rgb(32, 79,  
107) }
```

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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