

Converting Colors

YUV(67.2980, 31.4051,
-39.7263)

Have a look what the booklet for
YUV(67.2980, 31.4051, -39.7263)
contains.

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Color

**YUV(67.2980, 31.4051,
-39.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	164E83
RGB	22, 78, 131
RGB Percent	9%, 31%, 51%
CMY	0.9137, 0.6941, 0.4863
CMYK	0.83, 0.40, 0.00, 0.49
HSL	209°, 71%, 30%
HSV	209°, 83%, 51%
XYZ	7.1520, 7.2580, 22.4967
YIQ	67.2980, -50.3890, 4.6110

Conversions

Conversions Part 2

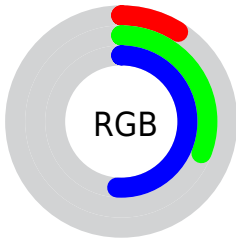
Format	Color
R_{YB}	22, 59, 131
Decimal	1461891
CIE _{Lab}	32.39, 2.52, -34.81
CIE _{LCh}	32, 34.901, 274.146
Yxy	7.2580, 0.1938, 0.1967
Android (android.graphics.Color)	4279651971 (0xFF164E83)
YUV	67.2980, 31.4051, -39.7263
Hunter-Lab	26.9408, 0.2403, -30.6512

Details

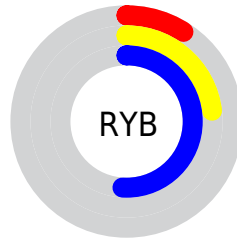
The YUV color **67.2980, 31.4051, -39.7263** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85.7020, -31.4051, 39.7263**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9400, 31.0886, -31.5194**, and **29.7790, 25.2520, -26.1162** is the 20% darker color. If you saturate the color by 10%, you get **59.8890, 35.0577, -44.6297**, and if you desaturate by 10%, it is **74.7070, 27.7524, -34.8230**.

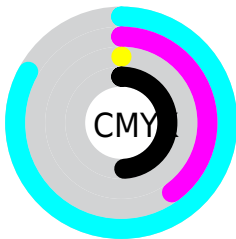
Distribution



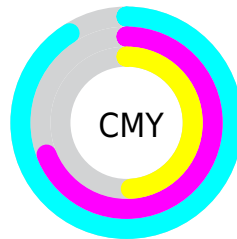
- Red (9%)
- Green (31%)
- Blue (51%)



- Red (9%)
- Yellow (23%)
- Blue (51%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2980, 31.4051, -39.7263 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 67.2980, 31.4051, -39.7263 by changing the saturation by 10% instead.

■ 67.2980, 31.4051,
-39.7263

■ 67.2980, 31.4051,
-39.7263

■ 255.0000, 0.0000,
0.0000

■ 44.9560, 30.0947,
-39.4264

■ 120.9400, 31.0886,
-31.5194

■ 29.7790, 25.2520,
-26.1162

■ 147.1790, 31.9568,
-29.9750

■ 13.6560, 21.8616,
-11.9763

■ 174.7060, 32.6829,
-29.5602

■ 5.1640, 14.7091,
-4.5288

■ 201.1100, 26.5678,
-28.1605

■ 1.2540, 4.8048,
-1.0998

■ 225.9180, 14.3374,
-25.3611

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,

-17.8285

■ 67.2980, 31.4051,
-39.7263

■ 67.2980, 31.4051,
-39.7263

■ 59.8890, 35.0577,
-44.6297

■ 74.7070, 27.7524,
-34.8230

■ 54.2630, 37.8313,
-47.5887

■ 82.7030, 23.8104,
-30.4345

■ 90.1120, 20.1578,
-25.5312

■ 97.5210, 16.5051,
-20.6279

■ 105.8160, 12.4157,
-15.6246

■ 113.2250, 8.7631,
-10.7213

■ 121.2210, 4.8210,
-6.3328

■ 128.6300, 1.1684,
-1.4295

■ 136.0390, -2.4842,
3.4738

Harmonies

Analogous

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



64.1450, 30.0015, -56.2552



67.2980, 31.4051, -39.7263



77.7550, 21.8128, 3.7229

Triad

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



67.2980, 31.4051, -39.7263



75.3060, -13.9549, 42.7046



61.3570, -5.1060, -42.4091

Complementary

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



67.2980, 31.4051, -39.7263



85.7020, -31.4051, 39.7263

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.



69.5540, -20.4861, -9.2559



67.2980, 31.4051, -39.7263



74.5960, -23.9578, 31.0493

Square

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



67.2980, 31.4051, -39.7263



75.9330, -1.4460, 43.9088



72.5630, -27.3926, 12.6612



61.8360, 8.4619, -54.2302

Rectangle

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



67.2980, 31.4051, -39.7263



78.7420, 14.9172, 22.1513



72.5630, -27.3926, 12.6612



66.0230, -11.8433, -28.0842

Sweetspot

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



67.2980, 31.4051, -39.7263



145.8160, 12.4157, -15.6246



92.0250, -8.3933, -61.4119



71.5950, 7.5947, -9.2918



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.



67.2980, 31.4051, -39.7263



71.1500, 49.2260, -62.3986



35.6000, 47.0322, -11.9272



62.4450, 1.7526, -2.1443



54.1490, 37.3945, -47.4887



0.9290, 1.0210, -0.8147

Inverse Universe

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



60.9750, 8.3933, 61.4119



61.1610, 13.2316, 96.3288



117.4000, -47.0322, 11.9272



62.1360, 0.4260, 3.3887



46.5080, 10.1026, 73.2225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 67.2980, 31.4051, -39.7263 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 67.2980, 31.4051, -39.7263 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 67.2980, 31.4051, -39.7263

Background



This preview shows how black text looks on a background with the YUV color 67.2980, 31.4051, -39.7263.



This preview shows how white text looks on a background with the YUV color 67.2980, 31.4051,

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

67.2980, 31.4051, -39.7263

Protanopia

74.0620, 26.0984, -17.5944

Deuteranopia

70.0000, 30.0730, -32.4490



Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Original Color

67.2980, 31.4051, -39.7263

Protanomaly

71.1750, 28.0147, -25.5865

Deuteranomaly

68.8040, 30.6626, -34.9081

Tritanomaly

62.6100, 21.3913, -47.8930

Monochromacy



Original Color

67.2980, 31.4051, -39.7263

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2980, 31.4051, -39.7263 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(22, 78, 131)` looks like.

```
.text, #text, p{  
    color:rgb(22, 78, 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(22, 78, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 78, 131) }
```

Border

The CSS property to change the border of an element to YUV 67.2980, 31.4051, -39.7263 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(22, 78, 131) }
```


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

```
.border{ border-color:rgb(22, 78, 131) }
```

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

Here you see how a box with a 4 pixel rgb(22, 78, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 78, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 78, 131);  
box-shadow:4px 4px 4px 4px rgb(22, 78,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 67.2980, 31.4051, -39.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 78, 131) }
```

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

```
.background{ background-color: rgb(22, 78,  
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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