

Converting Colors

YUV(99.4300, 27.8890,
-31.9491)

Have a look what the booklet for
YUV(99.4300, 27.8890, -31.9491)
contains.

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Color

**YUV(99.4300, 27.8890,
-31.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6B9C
RGB	63, 107, 156
RGB Percent	25%, 42%, 61%
CMY	0.7529, 0.5804, 0.3882
CMYK	0.60, 0.31, 0.00, 0.39
HSL	212°, 42%, 43%
HSV	212°, 60%, 61%
XYZ	13.3083, 13.9725, 33.4480
YIQ	99.4300, -41.9530, 5.9110

Conversions

Conversions Part 2

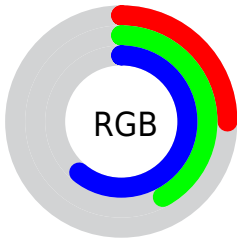
Format	Color
R _{YB}	63, 93, 156
Decimal	4156316
CIE Lab	44.19, 0.18, -31.17
CIE LCh	44, 31.167, 270.334
Yxy	13.9725, 0.2191, 0.2301
Android (android.graphics.Color)	4282346396 (0xFF3F6B9C)
YUV	99.4300, 27.8890, -31.9491
Hunter-Lab	37.3797, -1.8630, -26.8879

Details

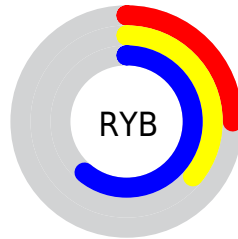
The YUV color **99.4300, 27.8890, -31.9491** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.5700, -27.8890, 31.9491**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0820, 29.0466, -29.8899**, and **47.0760, 28.0635, -41.2857** is the 20% darker color. If you saturate the color by 10%, you get **89.9500, 32.5627, -37.6671**, and if you desaturate by 10%, it is **108.9100, 23.2154, -26.2311**.

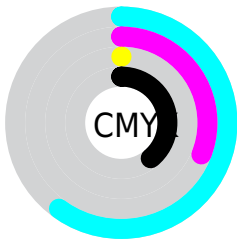
Distribution



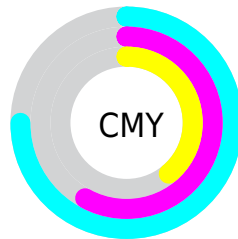
- Red (25%)
- Green (42%)
- Blue (61%)



- Red (25%)
- Yellow (36%)
- Blue (61%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4300, 27.8890, -31.9491 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 99.4300, 27.8890, -31.9491 by changing the saturation by 10% instead.

■ 99.4300, 27.8890,
-31.9491

■ 99.4300, 27.8890,
-31.9491

■ 255.0000, 0.0000,
0.0000

■ 73.4080, 27.8999,
-35.4378

■ 152.0820, 29.0466,
-29.8899

■ 47.0760, 28.0635,
-41.2857

■ 179.4950, 29.3360,
-29.3751

■ 32.0130, 23.6576,
-28.0754

■ 206.1270, 24.0944,
-28.1754

■ 17.0640, 19.6884,
-14.9651

■ 230.9350, 11.8640,
-25.3760

■ 5.1640, 14.7091,
-4.5288

■ 247.8240, 3.5378,
-14.7546

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 99.4300, 27.8890,
-31.9491

■ 99.4300, 27.8890,
-31.9491

■ 89.9500, 32.5627,
-37.6671

■ 108.9100, 23.2154,
-26.2311

■ 80.7690, 37.0889,
-42.7704

■ 118.0910, 18.6891,
-21.1278

■ 70.7020, 42.0519,
-47.9737

■ 128.1580, 13.7261,
-15.9246

■ 61.5210, 46.5781,
-53.0769

■ 137.3390, 9.1999,
-10.8213

■ 61.2220, 46.7256,
-53.6917

■ 146.8190, 4.5262,
-5.1033

■ 156.2990, -0.1474,
0.6148

■ 166.0670, -4.9630,
5.2032

■ 175.5470, -9.6367,
10.9213

■ 184.7280,
-14.1629, 16.0245

Harmonies

Analogous

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



83.9040, 32.0923, -73.5838



99.4300, 27.8890, -31.9491



106.5050, 20.9500, 0.4341

Triad

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



99.4300, 27.8890, -31.9491



105.3490, -12.4971, 41.7899



95.5220, -8.6383, -29.3988

Complementary

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



99.4300, 27.8890, -31.9491



119.5700, -27.8890, 31.9491

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.



99.8750, -20.6444, -5.1524



99.4300, 27.8890, -31.9491



104.1770, -21.7793, 32.2938

Square

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



99.4300, 27.8890, -31.9491



106.1390, -0.5615, 40.2201



102.2690, -24.7826, 15.5501



83.2150, 10.2470, -66.8406

Rectangle

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



99.4300, 27.8890, -31.9491



107.7200, 14.9280, 18.6626



102.2690, -24.7826, 15.5501



96.7250, -13.1754, -20.8068

Sweetspot

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



99.4300, 27.8890, -31.9491



181.7840, 10.9525, -12.9656



123.0630, -5.9471, -52.6753



88.3780, 6.7156, -7.3475



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



99.4300, 27.8890, -31.9491



114.8480, 43.9519, -50.7327



74.2000, 40.3274, -8.0684



74.2600, 2.3368, -2.8590



56.2180, 42.7835, -49.3032



5.8190, 4.5262, -5.1033

Inverse Universe

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



95.8230, 5.5103, 52.7752



108.9330, 8.9070, 83.3738



144.8000, -40.3274, 8.0684



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 99.4300, 27.8890, -31.9491 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 × Fail

Black Background



This preview shows how the YUV color 99.4300, 27.8890, -31.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

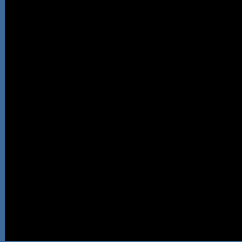
Any Text WCAG AA × Fail

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 99.4300, 27.8890, -31.9491 Background



This preview shows how black text looks on a background with the YUV color 99.4300, 27.8890, -31.9491.

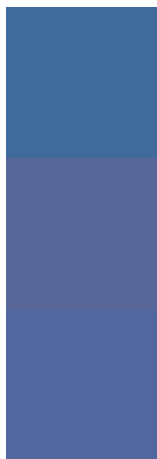


This preview shows how white text looks on a background with the YUV color 99.4300, 27.8890,

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

99.4300, 27.8890, -31.9491

Protanopia

103.5140, 23.9036, -13.6058

Deuteranopia

102.8660, 26.6881, -20.0535



Tritanopia

94.7050, 13.9494, -40.9603

Trichromacy



Original Color

99.4300, 27.8890, -31.9491

Protanomaly

102.1110, 25.0883, -20.2683

Deuteranomaly

101.6590, 27.2831, -24.2569

Tritanomaly

96.3940, 19.0328, -38.0565

Monochromacy



Original Color

99.4300, 27.8890, -31.9491

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4300, 27.8890, -31.9491 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(63, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(63, 107, 156)  
}
```

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(63, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 107, 156) }
```

Border

The CSS property to change the border of an element to YUV 99.4300, 27.8890, -31.9491 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(63, 107, 156) }
```


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

```
.border{ border-color:rgb(63, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(63, 107,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 99.4300, 27.8890, -31.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 107, 156) }
```

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

```
.background{ background-color: rgb(63, 107,  
156) }
```

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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