

Converting Colors

YUV(171.2890, 11.6895,
-16.0395)

Have a look what the booklet for
YUV(171.2890, 11.6895, -16.0395)
contains.

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Color

**YUV(171.2890, 11.6895,
-16.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	99B0C3
RGB	153, 176, 195
RGB Percent	60%, 69%, 76%
CMY	0.4000, 0.3098, 0.2353
CMYK	0.22, 0.10, 0.00, 0.24
HSL	207°, 26%, 68%
HSV	207°, 22%, 76%
XYZ	38.5125, 41.7631, 57.6610
YIQ	171.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

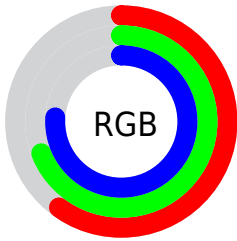
Format	Color
R _Y B	153, 168, 195
Decimal	10072259
CIE Lab	70.71, -3.75, -12.31
CIE LCh	71, 12.872, 253.075
Yxy	41.7631, 0.2792, 0.3028
Android (android.graphics.Color)	4288262339 (0xFF99B0C3)
YUV	171.2890, 11.6895, -16.0395
Hunter-Lab	64.6244, -6.7166, -7.6644

Details

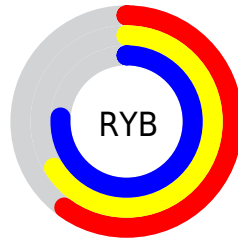
The YUV color **171.2890, 11.6895, -16.0395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176.7110, -11.6895, 16.0395**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1040, 12.2737, -16.7542**, and **119.0610, 10.8159, -15.8395** is the 20% darker color. If you saturate the color by 10%, you get **160.3250, 17.0948, -23.0870**, and if you desaturate by 10%, it is **182.2530, 6.2843, -8.9919**.

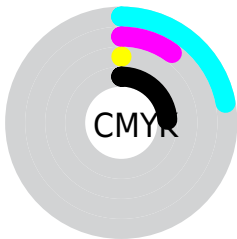
Distribution



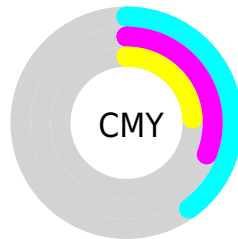
- Red (60%)
- Green (69%)
- Blue (76%)



- Red (60%)
- Yellow (66%)
- Blue (76%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2890, 11.6895, -16.0395 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 171.2890, 11.6895, -16.0395 by changing the saturation by 10% instead.

■ 171.2890, 11.6895,
-16.0395

■ 171.2890, 11.6895,
-16.0395

255.0000, 0.0000,
0.0000

■ 144.5880, 11.5421,
-15.4247

■ 227.1040, 12.2737,
-16.7542

■ 119.0610, 10.8159,
-15.8395

■ 249.3190, 2.8007,
-11.6808

■ 94.3600, 10.6685,
-15.2247

■ 70.2460, 10.2317,
-15.1247

■ 47.2460, 10.2317,
-15.1247

■ 25.1210, 9.8003,
-16.7691

■ 6.3720, 9.1836,

-5.5882

■ 0.0000, 0.0000,
0.0000

■ 171.2890, 11.6895,
-16.0395

■ 171.2890, 11.6895,
-16.0395

■ 160.3250, 17.0948,
-23.0870

■ 182.2530, 6.2843,
-8.9919

■ 149.0620, 22.6474,
-30.7494

■ 193.5160, 0.7316,
-1.3295

■ 138.6850, 27.7633,
-38.3117

■ 203.8930, -4.3842,
6.2328

■ 127.4220, 33.3160,
-45.9741

■ 215.1560, -9.9369,
13.8952

■ 116.4580, 38.7212,
-53.0217

■ 226.4190,
-15.4896, 21.5575

■ 105.1950, 44.2739,
-60.6840

■ 232.8980,
-18.6837, 19.3835

■ 94.2310, 49.6791,
-67.7316

■ 238.1810,
-21.2882, 14.7503

■ 85.0390, 54.2108,
-74.5792

■ 243.4640,
-23.8928, 10.1171

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



169.5610, 9.0904, -22.4170



171.2890, 11.6895, -16.0395



173.2410, 11.2202, -5.4734

Triad

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



171.2890, 11.6895, -16.0395



175.2090, -3.5540, 19.9877



170.7190, -7.2565, -5.8926

Complementary

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



171.2890, 11.6895, -16.0395



176.7110, -11.6895, 16.0395

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.



172.1610, -10.9254, 4.2438



171.2890, 11.6895, -16.0395



174.5310, -8.6428, 18.8283

Square

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



171.2890, 11.6895, -16.0395



175.6690, 2.1352, 15.1993



173.5150, -11.0999, 13.5803



169.1460, -1.5510, -15.9140

Rectangle

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



171.2890, 11.6895, -16.0395



174.7150, 9.0145, 2.0039



173.5150, -11.0999, 13.5803



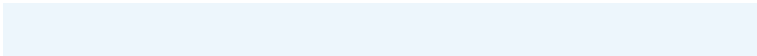
170.9860, -8.8671, -2.6187

Sweetspot

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



171.2890, 11.6895, -16.0395



243.9930, 3.9475, -6.1329



179.8200, -3.8553, -23.5211



122.3740, 2.7736, -2.9590



0.0000, 0.0000, 0.0000



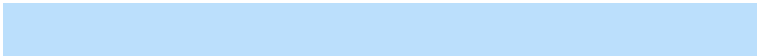
128.0000, 0.0000, 0.0000

Same Dimension

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



171.2890, 11.6895, -16.0395



215.5420, 17.9738, -25.0313



158.9620, 17.7667, -5.2287



91.6620, 2.6316, -4.0886



70.0100, 44.8581, -61.3988



14.3280, 9.2053, -12.5657

Inverse Universe

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



168.1800, 3.8553, 23.5211



210.5390, 6.1433, 36.3613



189.0380, -17.7667, 5.2287



90.6740, 1.1467, 5.5479



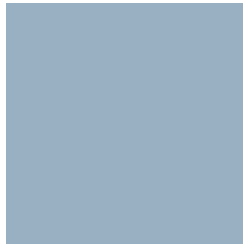
58.1710, 14.7057, 90.1810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 171.2890, 11.6895, -16.0395 looks on a white background.

Color Contrast Check

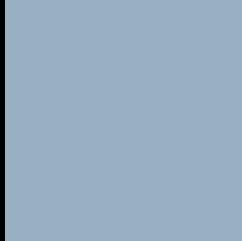
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.2890, 11.6895, -16.0395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

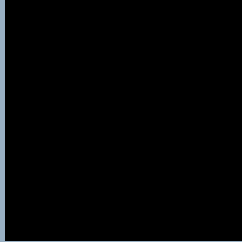
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

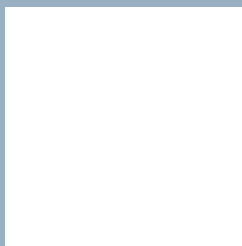
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.2890, 11.6895, -16.0395

Background



This preview shows how black text looks on a background with the YUV color 171.2890, 11.6895, -16.0395.



This preview shows how white text looks on a background with the YUV color 171.2890, 11.6895, -16.0395.

-16.0395.

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

171.2890, 11.6895, -16.0395

Protanopia

173.0950, 9.3202, -2.7143

Deuteranopia

174.2960, 11.1931, 3.2484



Tritanopia

171.1210, 9.8003, -16.7691

Trichromacy



Original Color

171.2890, 11.6895, -16.0395

Protanomaly

172.5890, 10.0626, -7.5326

Deuteranomaly

173.2520, 11.2148, -3.7290

Tritanomaly

171.2350, 10.2371, -16.8691

Monochromacy



Original Color

171.2890, 11.6895, -16.0395

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2890, 11.6895, -16.0395 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(153, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(153, 176, 195)  
}
```

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(153, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 176, 195) }
```

Border

The CSS property to change the border of an element to YUV 171.2890, 11.6895, -16.0395 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(153, 176, 195) }
```


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

```
.border{ border-color:rgb(153, 176, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 176, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(153, 176,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 171.2890, 11.6895, -16.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 176, 195) }
```

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

```
.background{ background-color: rgb(153,  
176, 195) }
```

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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