

Converting Colors

YUV(166.2890, 31.9025,
-12.5315)

Have a look what the booklet for
YUV(166.2890, 31.9025, -12.5315)
contains.

YUV(166.2890, 31.9025, -12.5315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.2890, 31.9025,
-12.5315)**

Conversions

Conversions Part 1

Format	Color
Hex	98A1E7
RGB	152, 161, 231
RGB Percent	60%, 63%, 91%
CMY	0.4039, 0.3686, 0.0941
CMYK	0.34, 0.30, 0.00, 0.09
HSL	233°, 62%, 75%
HSV	233°, 34%, 91%
XYZ	40.1176, 37.9347, 80.8090
YIQ	166.2890, -27.8340, 19.8620

Conversions

Conversions Part 2

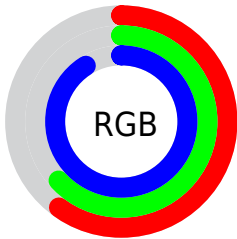
Format	Color
RYB	152, 160, 231
Decimal	10002919
CIELab	67.97, 13.11, -36.30
CIELCh	68, 38.592, 289.861
Yxy	37.9347, 0.2525, 0.2388
Android (android.graphics.Color)	4288192999 (0xFF98A1E7)
YUV	166.2890, 31.9025, -12.5315
Hunter-Lab	61.5911, 8.4821, -34.6761

Details

The YUV color **166.2890, 31.9025, -12.5315** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216.7110, -31.9025, 12.5315**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0540, 18.2144, -8.8174**, and **113.8220, 30.1608, -13.8759** is the 20% darker color. If you saturate the color by 10%, you get **147.6720, 41.0807, -16.3753**, and if you desaturate by 10%, it is **184.9060, 22.7243, -8.6876**.

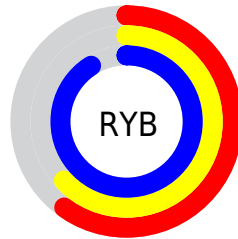
Distribution



Red (60%)

Green (63%)

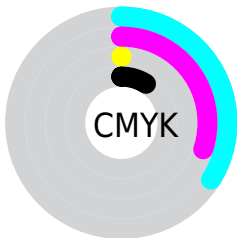
Blue (91%)



Red (60%)

Yellow (63%)

Blue (91%)

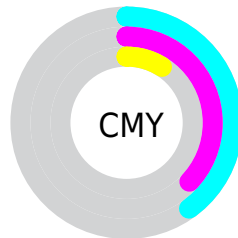


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2890, 31.9025, -12.5315 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 166.2890, 31.9025, -12.5315 by changing the saturation by 10% instead.

■ 166.2890, 31.9025,
-12.5315

■ 166.2890, 31.9025,
-12.5315

255.0000, 0.0000,
0.0000

■ 139.7620, 31.1763,
-12.9463

■ 218.0540, 18.2144,
-8.8174

■ 113.8220, 30.1608,
-13.8759

■ 243.1610, 5.8366,
-5.4032

■ 88.2950, 29.4346,
-14.2907

■ 63.4580, 28.8612,
-17.0647

■ 38.7130, 28.7355,
-23.4273

■ 20.6490, 25.8090,
-18.1092

■ 6.2870, 21.5505,

-5.5137

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 166.2890, 31.9025,
-12.5315

■ 166.2890, 31.9025,
-12.5315

■ 147.6720, 41.0807,
-16.3753

■ 184.9060, 22.7243,
-8.6876

■ 128.4680, 50.5483,
-19.7044

■ 204.1100, 13.2568,
-5.3585

■ 109.8510, 59.7265,
-23.5483

■ 222.7270, 4.0786,
-1.5146

■ 90.6470, 69.1940,
-26.8774

■ 241.9310, -5.3890,
1.8145

■ 72.0300, 78.3722,
-30.7213

■ 252.2640,
-10.4832, 2.3995

■ 52.5270, 87.9872,
-34.6652

■ 41.5960, 93.3762,
-36.4797

Harmonies

Analogous

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



155.7350, 38.5846, -55.8956



166.2890, 31.9025, -12.5315



170.1320, 20.1479, 24.4402

Triad

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



166.2890, 31.9025, -12.5315



165.9620, -25.6173, 50.0223



148.0710, 1.9370, -61.4523

Complementary

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



166.2890, 31.9025, -12.5315



216.7110, -31.9025, 12.5315

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.



156.1280, -17.8111, -27.2993



166.2890, 31.9025, -12.5315



163.8920, -32.9778, 30.7897

Square

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



166.2890, 31.9025, -12.5315



167.6760, -11.6723, 57.2891



160.9980, -30.5650, 3.5098



130.0380, 28.5753, -112.2893

Rectangle

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



166.2890, 31.9025, -12.5315



170.1960, 9.7634, 41.9241



160.9980, -30.5650, 3.5098



151.3130, -5.0843, -49.3865

Sweetspot

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



166.2890, 31.9025, -12.5315



234.0240, 10.3412, -3.5290



206.3530, 7.7140, -47.6676



114.9980, 6.4100, -2.6292



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.



166.2890, 31.9025, -12.5315



169.0140, 42.3911, -16.6753



169.9760, 30.0848, 10.5450



105.5420, 4.6628, -2.2293



32.1460, 72.3990, -28.1920



9.3360, 20.5404, -8.1877

Inverse Universe

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



176.6470, -7.7140, 47.6676



182.7630, -10.2362, 63.3518



213.0240, -30.0848, -10.5450



106.8160, -0.8953, 7.1774



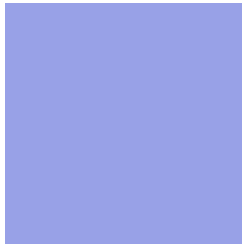
55.8010, -17.6499, 108.0455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 166.2890, 31.9025, -12.5315 looks on a white background.

Color Contrast Check

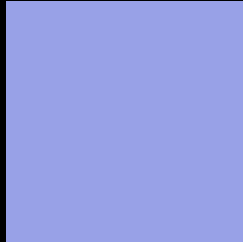
Large Text (above 18pt) WCAG AA × Fail

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 166.2890, 31.9025, -12.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

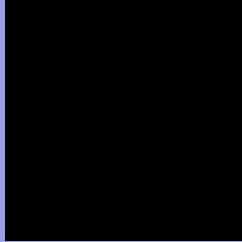
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2890, 31.9025, -12.5315

Background



This preview shows how black text looks on a background with the YUV color 166.2890, 31.9025, -12.5315.



This preview shows how white text looks on a background with the YUV color 166.2890, 31.9025, -12.5315.

-12.5315.

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

166.2890, 31.9025, -12.5315

Protanopia

165.2990, 33.3766, -18.6792

Deuteranopia

164.6580, 32.2136, -18.9941



Tritanopia

162.9250, 10.3900, -19.2282

Trichromacy



Original Color

166.2890, 31.9025, -12.5315

Protanomaly

165.4950, 32.7870, -16.2201

Deuteranomaly

164.9680, 32.0608, -16.6349

Tritanomaly

164.2980, 18.0941, -16.9243

Monochromacy



Original Color

166.2890, 31.9025, -12.5315

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2890, 31.9025, -12.5315 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(152, 161, 231)` looks like.

```
.text, #text, p{  
    color:rgb(152, 161, 231)  
}
```

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(152, 161, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 161, 231) }
```

Border

The CSS property to change the border of an element to YUV 166.2890, 31.9025, -12.5315 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(152, 161, 231) }
```


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

```
.border{ border-color:rgb(152, 161, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 161, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 161, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 161, 231);  
box-shadow:4px 4px 4px 4px rgb(152, 161,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 166.2890, 31.9025, -12.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 161, 231) }
```

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

```
.background{ background-color: rgb(152,  
161, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor