

Converting Colors

YUV(166.4890, 15.0419,
-17.9689)

Have a look what the booklet for
YUV(166.4890, 15.0419, -17.9689)
contains.

YUV(166.4890, 15.0419, -17.9689)	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(166.4890, 15.0419,
-17.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	92ABC5
RGB	146, 171, 197
RGB Percent	57%, 67%, 77%
CMY	0.4275, 0.3294, 0.2275
CMYK	0.26, 0.13, 0.00, 0.23
HSL	211°, 31%, 67%
HSV	211°, 26%, 77%
XYZ	36.4950, 39.2680, 58.4793
YIQ	166.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

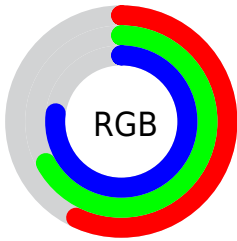
Format	Color
R_{YB}	146, 163, 197
Decimal	9612229
CIE _{Lab}	68.94, -2.73, -16.11
CIE _{LCh}	69, 16.344, 260.391
Yxy	39.2680, 0.2719, 0.2925
Android (android.graphics.Color)	4287802309 (0xFF92ABC5)
YUV	166.4890, 15.0419, -17.9689
Hunter-Lab	62.6642, -5.7057, -11.4655

Details

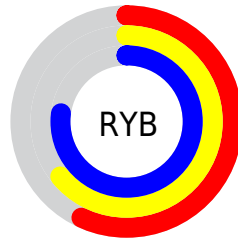
The YUV color $166.4890, 15.0419, -17.9689$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $176.5110, -15.0419, 17.9689$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.7170, 15.9155, -18.1688$, and $114.2610, 14.1683, -17.7689$ is the 20% darker color. If you saturate the color by 10%, you get $154.6390, 20.8840, -25.1164$, and if you desaturate by 10%, it is $178.3390, 9.1999, -10.8213$.

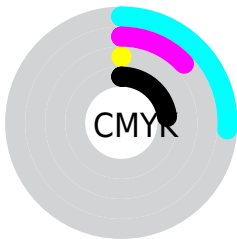
Distribution



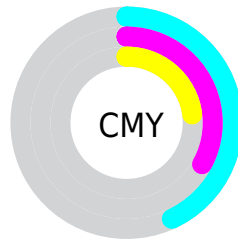
- Red (57%)
- Green (67%)
- Blue (77%)



- Red (57%)
- Yellow (64%)
- Blue (77%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (43%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4890, 15.0419, -17.9689 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 166.4890, 15.0419, -17.9689 by changing the saturation by 10% instead.

■ 166.4890, 15.0419,
-17.9689

■ 166.4890, 15.0419,
-17.9689

255.0000, 0.0000,
0.0000

■ 140.3750, 14.6051,
-17.8689

■ 221.7170, 15.9155,
-18.1688

■ 114.2610, 14.1683,
-17.7689

■ 247.2260, 3.8326,
-15.9842

■ 89.2610, 14.1683,
-17.7689

■ 65.7340, 13.4421,
-18.1837

■ 42.3210, 13.1527,
-18.6985

■ 21.7940, 12.4266,
-19.1133

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 166.4890, 15.0419,
-17.9689

■ 166.4890, 15.0419,
-17.9689

■ 154.6390, 20.8840,
-25.1164

■ 178.3390, 9.1999,
-10.8213

■ 143.0880, 26.5786,
-31.6492

■ 189.8900, 3.5052,
-4.2885

■ 131.2380, 32.4207,
-38.7967

■ 201.7400, -2.3368,
2.8590

■ 119.3880, 38.2627,
-45.9443

■ 213.5900, -8.1789,
10.0066

■ 107.8370, 43.9574,
-52.4770

■ 225.4400,
-14.0209, 17.1541

■ 95.9870, 49.7994,
-59.6246

■ 234.3000,
-18.3889, 18.1539

■ 84.1370, 55.6415,
-66.7721

■ 240.1700,
-21.2828, 13.0059

■ 79.3970, 57.9783,
-69.6312

■ 246.0400,
-24.1767, 7.8579

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



163.8530, 12.8905, -27.9351



166.4890, 15.0419, -17.9689



169.1210, 13.2513, -3.6141

Triad

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



166.4890, 15.0419, -17.9689



170.6720, -5.7543, 25.7207



164.5720, -7.6770, -11.0256

Complementary

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



166.4890, 15.0419, -17.9689



176.5110, -15.0419, 17.9689

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.



166.2810, -12.9565, 2.3846



166.4890, 15.0419, -17.9689



169.7550, -11.7112, 23.0169

Square

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



166.4890, 15.0419, -17.9689



170.8870, 1.5347, 21.1471



168.6030, -14.5943, 14.3802



163.4440, -0.2189, -23.1914

Rectangle

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



166.4890, 15.0419, -17.9689



170.3780, 10.1666, 5.8075



168.6030, -14.5943, 14.3802



165.3230, -10.0192, -6.4223

Sweetspot

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



166.4890, 15.0419, -17.9689



243.1500, 5.8421, -7.1475



178.9010, -3.4022, -28.8542



120.0040, 3.9420, -4.3885



0.0000, 0.0000, 0.0000



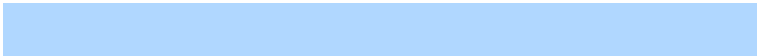
128.0000, 0.0000, 0.0000

Same Dimension

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



166.4890, 15.0419, -17.9689



207.8990, 23.2208, -27.9754



151.8140, 22.2767, -5.0989



93.3740, 2.7736, -2.9590



65.5420, 48.0468, -57.4803



14.0830, 10.8051, -12.3508

Inverse Universe

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



164.0990, 3.4022, 28.8542



204.0670, 5.3900, 44.6682



191.1860, -22.2767, 5.0989



93.1470, 0.4205, 5.1331



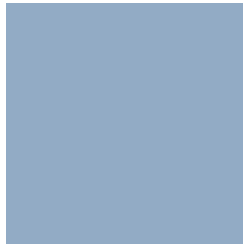
57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 166.4890, 15.0419, -17.9689 looks on a white background.

Color Contrast Check

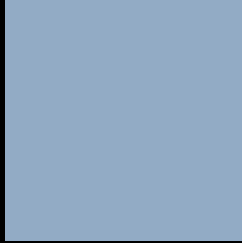
Large Text (above 18pt) WCAG AA × Fail

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 166.4890, 15.0419, -17.9689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

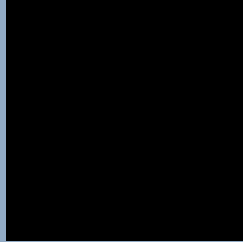
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

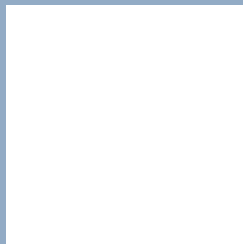
Any Text WCAG AAA ✓ Pass

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

YUV 166.4890, 15.0419, -17.9689 Background



This preview shows how black text looks on a background with the YUV color 166.4890, 15.0419, -17.9689.



This preview shows how white text looks on a background with the YUV color 166.4890, 15.0419, -17.9689.

-17.9689.

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

166.4890, 15.0419, -17.9689

Protanopia

168.8820, 12.3832, -5.1585

Deuteranopia

169.3710, 14.1141, -0.3254



Tritanopia

165.9250, 10.3900, -19.2282

Trichromacy



Original Color

166.4890, 15.0419, -17.9689

Protanomaly

167.7890, 13.4150, -9.4620

Deuteranomaly

168.7400, 14.4252, -6.7880

Tritanomaly

166.0930, 12.2792, -18.4986

Monochromacy



Original Color

166.4890, 15.0419, -17.9689

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3350, 5.2578, -6.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4890, 15.0419, -17.9689 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(146, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 197)  
}
```

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(146, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 197) }
```

Border

The CSS property to change the border of an element to YUV 166.4890, 15.0419, -17.9689 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(146, 171, 197) }
```


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

```
.border{ border-color:rgb(146, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(146, 171,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 166.4890, 15.0419, -17.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 197) }
```

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

```
.background{ background-color: rgb(146,  
171, 197) }
```

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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