

Converting Colors

YUV(166.4620, -4.1718,
-15.3142)

Have a look what the booklet for
YUV(166.4620, -4.1718, -15.3142)
contains.

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Color

**YUV(166.4620, -4.1718,
-15.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	95B19E
RGB	149, 177, 158
RGB Percent	58%, 69%, 62%
CMY	0.4157, 0.3059, 0.3804
CMYK	0.16, 0.00, 0.11, 0.31
HSL	139°, 15%, 64%
HSV	139°, 16%, 69%
XYZ	34.2881, 40.3025, 38.3197
YIQ	166.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

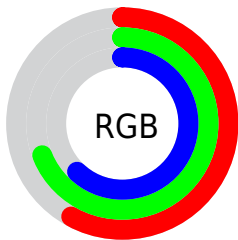
Format	Color
RYB	149, 170, 177
Decimal	9810334
CIELab	69.68, -13.39, 6.53
CIELCh	70, 14.899, 154.020
Yxy	40.3025, 0.3037, 0.3569
Android (android.graphics.Color)	4288000414 (0xFF95B19E)
YUV	166.4620, -4.1718, -15.3142
Hunter-Lab	63.4842, -14.6887, 8.6509

Details

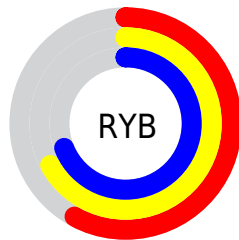
The YUV color $166.4620, -4.1718, -15.3142$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $159.5380, 4.1718, 15.3142$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.7500, -4.3137, -16.4438$, and $114.2880, -3.5930, -14.2846$ is the 20% darker color. If you saturate the color by 10%, you get $159.7120, -6.7600, -25.1804$, and if you desaturate by 10%, it is $173.2120, -1.5835, -5.4479$.

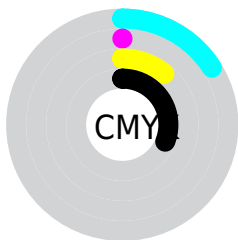
Distribution



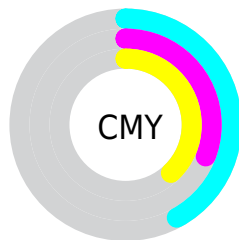
- Red (58%)
- Green (69%)
- Blue (62%)



- Red (58%)
- Yellow (67%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4620, -4.1718, -15.3142 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 166.4620, -4.1718, -15.3142 by changing the saturation by 10% instead.

 166.4620, -4.1718,
-15.3142

 166.4620, -4.1718,
-15.3142


255.0000, 0.0000,
0.0000


 139.8750, -3.8824,
-14.7994


 221.7500, -4.3137,
-16.4438


 114.2880, -3.5930,
-14.2846

 246.5270, -2.7248,
-12.7402

 89.7010, -3.3036,
-13.7698

 66.0000, -3.4510,
-13.1550

 44.1140, -3.0142,
-13.2550

 22.2280, -2.5774,
-13.3550

 0.0000, 0.0000,

0.0000

■ 166.4620, -4.1718,
-15.3142

■ 166.4620, -4.1718,
-15.3142

■ 159.7120, -6.7600,
-25.1804

■ 173.2120, -1.5835,
-5.4479

■ 153.2610, -9.4957,
-34.4319

■ 179.6630, 1.1521,
3.8035

■ 146.5110,
-12.0839, -44.2981

■ 186.4130, 3.7404,
13.6698

■ 139.7610,
-14.6722, -54.1644

■ 193.1630, 6.3286,
23.5360

■ 133.3100,
-17.4078, -63.4159

■ 199.9130, 8.9169,
33.4023

■ 126.5600,
-19.9961, -73.2821

■ 206.3640, 11.6525,
42.6538

■ 119.8100,
-22.5843, -83.1484

■ 207.7320, 16.8941,
41.4540

■ 113.0600,
-25.1726, -93.0146

■ 209.1000, 22.1357,
40.2543

■ 110.3970,
-26.3247, -96.8182

■ 209.2140, 22.5725,
40.1543

Harmonies

Analogous

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



168.0460, -9.8827, -3.5483



166.4620, -4.1718, -15.3142



165.3560, 3.2755, -23.9912

Triad

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



166.4620, -4.1718, -15.3142



170.0770, 13.2730, -10.5915



172.0800, -7.9274, 22.7318

Complementary

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



166.4620, -4.1718, -15.3142



159.5380, 4.1718, 15.3142

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.



172.9750, -1.9597, 21.9469



166.4620, -4.1718, -15.3142



171.7690, 10.4669, 2.8336

Square

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



166.4620, -4.1718, -15.3142



167.5980, 13.0162, -21.5724



172.6520, 4.6086, 15.2142



170.9070, -12.2792, 18.4986

Rectangle

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



166.4620, -4.1718, -15.3142



165.4850, 7.6489, -26.7353



172.6520, 4.6086, 15.2142



172.2480, -6.0383, 23.4615

Sweetspot

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



166.4620, -4.1718, -15.3142



225.5000, -1.7255, -6.5775



171.1170, -10.9037, -2.7336



112.3370, -1.1521, -3.8035



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



166.4620, -4.1718, -15.3142



213.4240, -6.6180, -24.0508



168.0580, 1.9434, -16.7139



85.6250, -1.2941, -4.9331



95.3970, -22.8737, -83.6632



16.1740, -4.0298, -14.1846

Inverse Universe

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



159.5380, 4.1718, 15.3142



202.4620, 6.1812, 24.1508



157.9420, -1.9434, 16.7139



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 166.4620, -4.1718, -15.3142 looks on a white background.

Color Contrast Check

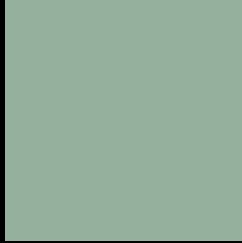
Large Text (above 18pt) WCAG AA × Fail

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 166.4620, -4.1718, -15.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

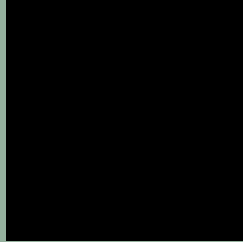
Any Text WCAG AA ✓ Pass

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 166.4620, -4.1718, -15.3142 Background



This preview shows how black text looks on a background with the YUV color 166.4620, -4.1718, -15.3142.



This preview shows how white text looks on a background with the YUV color 166.4620, -4.1718, -15.3142.

-15.3142.

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

166.4620, -4.1718, -15.3142

Protanopia

169.6820, -7.7312, 6.4179

Deuteranopia

171.4320, -5.1430, 16.2841



Tritanopia

168.9150, 8.9159, -13.0805

Trichromacy



Original Color

166.4620, -4.1718, -15.3142

Protanomaly

168.5670, -6.6885, -1.3743

Deuteranomaly

169.7680, -4.8156, 4.5885

Tritanomaly

167.6500, 4.1166, -13.7250

Monochromacy



Original Color

166.4620, -4.1718, -15.3142

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4620, -4.1718, -15.3142 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(149, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 158)  
}
```

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(149, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 158) }
```

Border

The CSS property to change the border of an element to YUV 166.4620, -4.1718, -15.3142 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(149, 177, 158) }
```


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

```
.border{ border-color:rgb(149, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 166.4620, -4.1718, -15.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 177, 158) }
```

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

```
.background{ background-color: rgb(149,  
177, 158) }
```

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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