

Converting Colors

YUV(166.6310, -3.7621, -6.6924)

Have a look what the booklet for
YUV(166.6310, -3.7621, -6.6924)
contains.

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Color

**YUV(166.6310, -3.7621,
-6.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAC9F
RGB	159, 172, 159
RGB Percent	62%, 67%, 62%
CMY	0.3765, 0.3255, 0.3765
CMYK	0.08, 0.00, 0.08, 0.33
HSL	120°, 7%, 65%
HSV	120°, 8%, 67%
XYZ	35.3086, 39.3792, 38.5409
YIQ	166.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

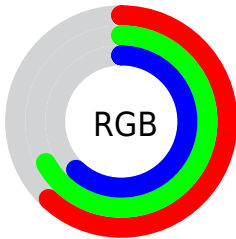
Format	Color
RYB	159, 172, 172
Decimal	10464415
CIELab	69.03, -7.05, 5.12
CIElCh	69, 8.716, 144.037
Yxy	39.3792, 0.3118, 0.3478
Android (android.graphics.Color)	4288654495 (0xFF9FAC9F)
YUV	166.6310, -3.7621, -6.6924
Hunter-Lab	62.7528, -9.3824, 7.5129

Details

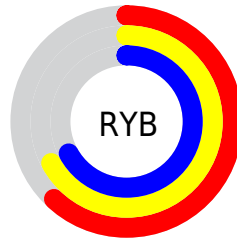
The YUV color **166.6310, -3.7621, -6.6924** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164.3690, 3.7621, 6.6924**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6310, -3.7621, -6.6924**, and **115.0440, -3.4727, -6.1776** is the 20% darker color. If you saturate the color by 10%, you get **159.6100, -8.6817, -15.4440**, and if you desaturate by 10%, it is **173.6520, 1.1576, 2.0592**.

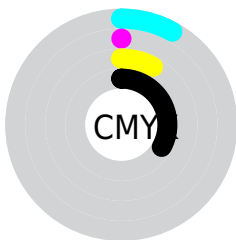
Distribution



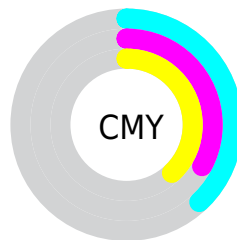
- Red (62%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (67%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6310, -3.7621, -6.6924 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 166.6310, -3.7621, -6.6924 by changing the saturation by 10% instead.

■ 166.6310, -3.7621,
-6.6924

■ 166.6310, -3.7621,
-6.6924

255.0000, 0.0000,
0.0000

■ 140.0440, -3.4727,
-6.1776

■ 221.6310, -3.7621,
-6.6924

■ 115.0440, -3.4727,
-6.1776

■ 249.6310, -3.7621,
-6.6924

■ 90.0440, -3.4727,
-6.1776

■ 66.4570, -3.1833,
-5.6628

■ 44.5710, -2.7465,
-5.7628

■ 23.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,

0.0000

■ 166.6310, -3.7621,
-6.6924

■ 166.6310, -3.7621,
-6.6924

■ 159.6100, -8.6817,
-15.4440

■ 173.6520, 1.1576,
2.0592

■ 152.5890,
-13.6014, -24.1956

■ 180.6730, 6.0772,
10.8108

■ 145.1550,
-18.8104, -33.4619

■ 188.1070, 11.2862,
20.0772

■ 138.1340,
-23.7301, -42.2135

■ 195.1280, 16.2059,
28.8287

■ 131.1130,
-28.6497, -50.9651

■ 202.1490, 21.1255,
37.5803

■ 124.0920,
-33.5694, -59.7167

■ 206.2790, 24.0195,
42.7283

■ 117.0710,
-38.4890, -68.4683

■ 109.6370,
-43.6980, -77.7346

■ 102.6160,
-48.6177, -86.4862

Harmonies

Analogous

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



167.5780, -6.6940, 0.3701



166.6310, -3.7621, -6.6924



166.0370, 0.4748, -12.3104

Triad

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



166.6310, -3.7621, -6.6924



168.3070, 7.7366, -8.1622



169.7630, -3.8272, 14.2398

Complementary

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



166.6310, -3.7621, -6.6924



164.3690, 3.7621, 6.6924

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.



170.0770, -0.0380, 12.2105



166.6310, -3.7621, -6.6924



169.1230, 6.8414, -0.9849

Square

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



166.6310, -3.7621, -6.6924



166.7470, 7.0267, -13.8101



170.0700, 3.9095, 6.0776



169.3560, -6.5845, 11.9658

Rectangle

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



166.6310, -3.7621, -6.6924



165.7100, 3.1010, -14.6547



170.0700, 3.9095, 6.0776



170.1050, -2.5168, 13.9399

Sweetspot

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



166.6310, -3.7621, -6.6924



222.3480, -1.1576, -2.0592



170.5180, -5.6784, 1.2997



111.1740, -0.5788, -1.0296



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



166.6310, -3.7621, -6.6924



215.7400, -5.7878, -10.2960



167.4290, -0.7045, -7.3922



83.2830, -2.6045, -4.6332



88.0500, -43.4087, -77.2198



13.5010, -6.6560, -11.8404

Inverse Universe

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



164.3690, 3.7621, 6.6924



212.2600, 5.7878, 10.2960



163.6850, 1.1413, 7.2923



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 166.6310, -3.7621, -6.6924 looks on a white background.

Color Contrast Check

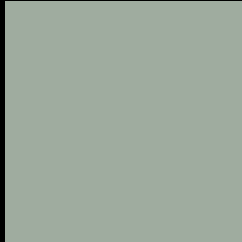
Large Text (above 18pt) WCAG AA × Fail

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 166.6310, -3.7621, -6.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

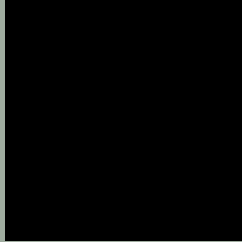
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

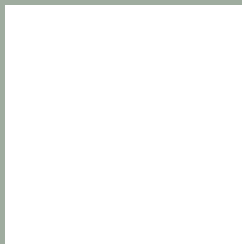
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.6310, -3.7621, -6.6924

Background



This preview shows how black text looks on a background with the YUV color 166.6310, -3.7621, -6.6924.



This preview shows how white text looks on a background with the YUV color 166.6310, -3.7621, -6.6924.

-6.6924.

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

166.6310, -3.7621, -6.6924

Protanopia

168.5400, -5.6892, 4.7884

Deuteranopia

169.9480, -4.4114, 14.9546



Tritanopia

168.6880, 6.5628, -4.9884

Trichromacy



Original Color

166.6310, -3.7621, -6.6924

Protanomaly

167.7460, -4.8048, 1.0998

Deuteranomaly

168.6050, -4.2423, 7.3624

Tritanomaly

168.0640, 2.9264, -5.3181

Monochromacy



Original Color

166.6310, -3.7621, -6.6924

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6310, -3.7621, -6.6924 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(159, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 159)  
}
```

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(159, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 159) }
```

Border

The CSS property to change the border of an element to YUV 166.6310, -3.7621, -6.6924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

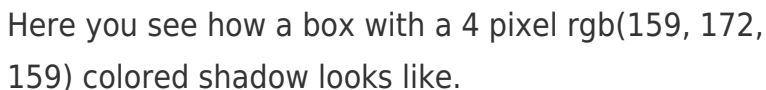
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 172, 159) }
```


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

```
.border{ border-color:rgb(159, 172, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 166.6310, -3.7621, -6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 159) }
```

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

```
.background{ background-color: rgb(159,  
172, 159) }
```

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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