

Converting Colors

YUV(168.4760, 4.6953,
-12.6955)

Have a look what the booklet for
YUV(168.4760, 4.6953, -12.6955)
contains.

YUV(168.4760, 4.6953, -12.6955)	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(168.4760, 4.6953,
-12.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	9AAEB2
RGB	154, 174, 178
RGB Percent	60%, 68%, 70%
CMY	0.3961, 0.3176, 0.3020
CMYK	0.13, 0.02, 0.00, 0.30
HSL	190°, 13%, 65%
HSV	190°, 13%, 70%
XYZ	36.4984, 40.3565, 47.9854
YIQ	168.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

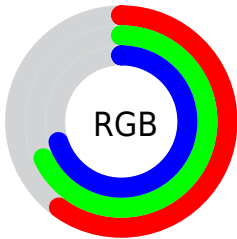
Format	Color
RYB	154, 165, 178
Decimal	10137266
CIELab	69.72, -6.07, -4.40
CIElCh	70, 7.497, 215.952
Yxy	40.3565, 0.2924, 0.3233
Android (android.graphics.Color)	4288327346 (0xFF9AAEB2)
YUV	168.4760, 4.6953, -12.6955
Hunter-Lab	63.5268, -8.6173, -0.3164

Details

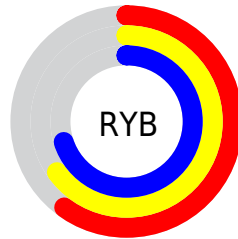
The YUV color **168.4760, 4.6953, -12.6955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.5240, -4.6953, 12.6955**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5900, 5.1321, -12.7954**, and **116.6610, 4.1111, -11.9807** is the 20% darker color. If you saturate the color by 10%, you get **161.3330, 8.2168, -22.2170**, and if you desaturate by 10%, it is **175.6190, 1.1738, -3.1739**.

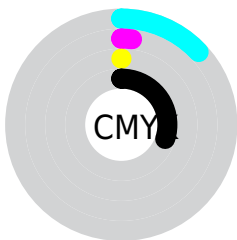
Distribution



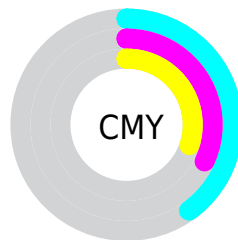
- Red (60%)
- Green (68%)
- Blue (70%)



- Red (60%)
- Yellow (65%)
- Blue (70%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4760, 4.6953, -12.6955 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 168.4760, 4.6953, -12.6955 by changing the saturation by 10% instead.

■ 168.4760, 4.6953,
-12.6955

■ 168.4760, 4.6953,
-12.6955

255.0000, 0.0000,
0.0000

■ 141.7750, 4.5479,
-12.0807

■ 223.5900, 5.1321,
-12.7954

■ 116.6610, 4.1111,
-11.9807

■ 249.6180, 2.6533,
-11.0660

■ 91.6610, 4.1111,
-11.9807

■ 68.0740, 4.4005,
-11.4659

■ 45.9600, 3.9637,
-11.3659

■ 24.3730, 4.2531,
-10.8511

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 168.4760, 4.6953,
-12.6955

■ 168.4760, 4.6953,
-12.6955

■ 161.3330, 8.2168,
-22.2170

■ 175.6190, 1.1738,
-3.1739

■ 154.1900, 11.7383,
-31.7386

■ 182.7620, -2.3477,
6.3477

■ 147.3460, 15.1124,
-40.6454

■ 189.6060, -5.7218,
15.2545

■ 140.2030, 18.6339,
-50.1670

■ 196.7490, -9.2433,
24.7761

■ 133.0600, 22.1554,
-59.6886

■ 203.8920,
-12.7648, 34.2977

■ 125.9170, 25.6769,
-69.2102

■ 209.2410,
-15.4018, 40.1306

■ 118.7740, 29.1984,
-78.7318

■ 211.0020,
-16.2700, 38.5862

■ 111.9300, 32.5725,
-87.6386

■ 212.7630,
-17.1382, 37.0418

■ 107.1680, 34.9202,
-93.9863

■ 214.5240,
-18.0063, 35.4975

Harmonies

Analogous

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



167.9770, 1.4903, -11.3808



168.4760, 4.6953, -12.6955



169.5410, 6.1423, -10.1215

Triad

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



168.4760, 4.6953, -12.6955



171.6250, 2.1569, 8.2219



170.0130, -6.4154, 4.3736

Complementary

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



168.4760, 4.6953, -12.6955



163.5240, -4.6953, 12.6955

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.



170.7470, -6.2843, 8.9919



168.4760, 4.6953, -12.6955



172.0230, -1.4903, 11.3808

Square

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



168.4760, 4.6953, -12.6955



170.9770, 4.9413, 1.7742



171.3390, -4.1111, 11.9807



169.0230, -4.9413, -1.7742

Rectangle

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



168.4760, 4.6953, -12.6955



169.7910, 7.0050, -6.8327



171.3390, -4.1111, 11.9807



170.6110, -6.7102, 5.6032

Sweetspot

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



168.4760, 4.6953, -12.6955



228.7220, 1.6161, -5.0182



168.5440, -5.1982, -12.7551



114.6190, 1.1738, -3.1739



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.4760, 4.6953, -12.6955



217.4150, 7.1904, -19.6580



161.4320, 8.1680, -6.5179



85.7220, 1.6161, -5.0182



92.5780, 29.7880, -81.1909



15.2910, 5.2795, -13.4102

Inverse Universe

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



163.4560, 5.1982, 12.7551



209.5970, 8.0867, 19.6474



170.5680, -8.1680, 6.5179



83.6030, 2.1677, 4.7332



60.3390, 33.3569, 81.2637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 168.4760, 4.6953, -12.6955 looks on a white background.

Color Contrast Check

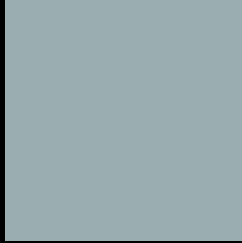
Large Text (above 18pt) WCAG AA × Fail

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 168.4760, 4.6953, -12.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

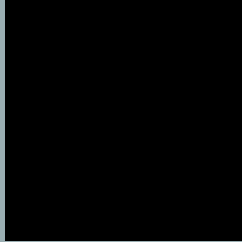
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

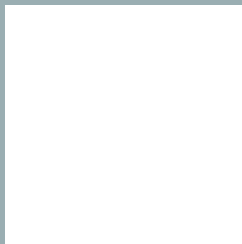
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.4760, 4.6953, -12.6955

Background



This preview shows how black text looks on a background with the YUV color 168.4760, 4.6953, -12.6955.



This preview shows how white text looks on a background with the YUV color 168.4760, 4.6953, -12.6955.

-12.6955.

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

168.4760, 4.6953, -12.6955

Protanopia

170.5810, 2.1786, 1.2445

Deuteranopia

171.7930, 4.0461, 8.9515



Tritanopia

169.3990, 8.1843, -11.7509

Trichromacy



Original Color

168.4760, 4.6953, -12.6955

Protanomaly

169.7760, 3.0684, -4.1886

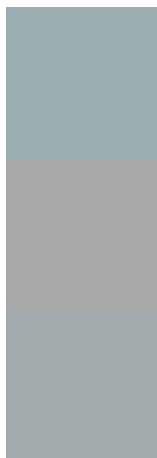
Deuteranomaly

170.4500, 4.2152, 1.3594

Tritanomaly

168.7580, 7.0213, -12.0658

Monochromacy



Original Color

168.4760, 4.6953, -12.6955

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4760, 4.6953, -12.6955 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(154, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(154, 174, 178)  
}
```

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(154, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 174, 178) }
```

Border

The CSS property to change the border of an element to YUV 168.4760, 4.6953, -12.6955 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(154, 174, 178) }
```


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

```
.border{ border-color:rgb(154, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(154, 174,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 168.4760, 4.6953, -12.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 174, 178) }
```

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

```
.background{ background-color: rgb(154,  
174, 178) }
```

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