

Converting Colors

YUV(171.8550, 9.9315,
-12.1508)

Have a look what the booklet for
YUV(171.8550, 9.9315, -12.1508)
contains.

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Color

**YUV(171.8550, 9.9315,
-12.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAF00
RGB	158, 175, 192
RGB Percent	62%, 69%, 75%
CMY	0.3804, 0.3137, 0.2471
CMYK	0.18, 0.09, 0.00, 0.25
HSL	210°, 21%, 69%
HSV	210°, 18%, 75%
XYZ	38.9450, 41.7348, 55.8722
YIQ	171.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

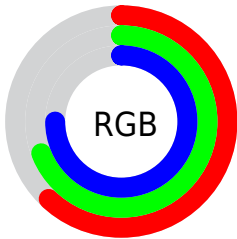
Format	Color
R _Y B	158, 169, 192
Decimal	10399680
CIE Lab	70.69, -2.28, -10.66
CIE LCh	71, 10.899, 257.907
Yxy	41.7348, 0.2852, 0.3056
Android (android.graphics.Color)	4288589760 (0xFF9EAF _{C0})
YUV	171.8550, 9.9315, -12.1508
Hunter-Lab	64.6025, -5.4475, -6.0559

Details

The YUV color **171.8550, 9.9315, -12.1508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.1450, -9.9315, 12.1508**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9690, 10.3683, -12.2508**, and **119.7410, 9.4947, -12.0509** is the 20% darker color. If you saturate the color by 10%, you get **160.3040, 15.6261, -18.6836**, and if you desaturate by 10%, it is **183.4060, 4.2368, -5.6181**.

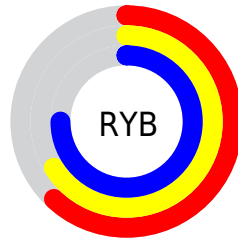
Distribution



Red (62%)

Green (69%)

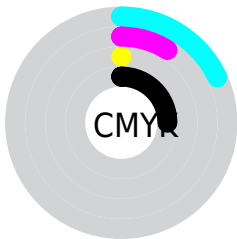
Blue (75%)



Red (62%)

Yellow (66%)

Blue (75%)

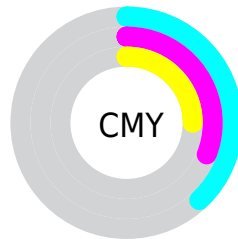


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8550, 9.9315, -12.1508 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 171.8550, 9.9315, -12.1508 by changing the saturation by 10% instead.

■ 171.8550, 9.9315,
-12.1508

■ 171.8550, 9.9315,
-12.1508

255.0000, 0.0000,
0.0000

■ 145.1540, 9.7841,
-11.5361

■ 226.9690, 10.3683,
-12.2508

■ 119.7410, 9.4947,
-12.0509

■ 250.8140, 2.0637,
-8.6069

■ 94.9260, 8.9105,
-11.3361

■ 70.9260, 8.9105,
-11.3361

■ 48.6980, 8.0369,
-11.1361

■ 26.6980, 8.0369,
-11.1361

■ 5.5570, 8.5994,

-4.8735

■ 0.0000, 0.0000,
0.0000

■ 171.8550, 9.9315,
-12.1508

■ 171.8550, 9.9315,
-12.1508

■ 160.3040, 15.6261,
-18.6836

■ 183.4060, 4.2368,
-5.6181

■ 149.3400, 21.0314,
-25.7312

■ 194.3700, -1.1684,
1.4295

■ 137.4900, 26.8734,
-32.8787

■ 206.2200, -7.0105,
8.5771

■ 126.5260, 32.2787,
-39.9263

■ 217.1840,
-12.4157, 15.6246

■ 114.9750, 37.9733,
-46.4591

■ 228.7350,
-18.1104, 22.1574

■ 103.4240, 43.6680,
-52.9918

■ 234.9040,
-21.1517, 17.6242

■ 92.4600, 49.0732,
-60.0394

■ 240.1870,
-23.7562, 12.9910

■ 80.6100, 54.9153,
-67.1870

■ 246.0570,
-26.6501, 7.8430

■ 78.2400, 56.0837,
-68.6165

■ 247.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



170.6540, 8.0586, -18.1136



171.8550, 9.9315, -12.1508



173.6820, 9.0308, -3.2291

Triad

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



171.8550, 9.9315, -12.1508



174.4860, -3.6906, 17.1138



170.7620, -5.7987, -6.8073

Complementary

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



171.8550, 9.9315, -12.1508



178.1450, -9.9315, 12.1508

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.



172.0190, -8.8834, 2.6143



171.8550, 9.9315, -12.1508



174.1500, -7.4690, 15.6544

Square

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



171.8550, 9.9315, -12.1508



175.3160, 0.8302, 13.7549



173.2480, -9.4893, 10.3065



169.9720, -0.9722, -14.8844

Rectangle

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



171.8550, 9.9315, -12.1508



174.5580, 7.1199, 3.0186



173.2480, -9.4893, 10.3065



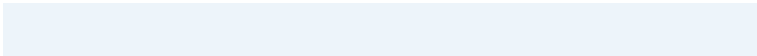
171.1430, -6.9725, -3.6334

Sweetspot

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



171.8550, 9.9315, -12.1508



242.5910, 3.6526, -4.9033



179.8960, -2.4137, -19.2028



120.2600, 2.3368, -2.8590



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



171.8550, 9.9315, -12.1508



218.8910, 15.3367, -19.1984



161.8760, 14.8511, -3.3993



91.0750, 2.9210, -3.5738



65.3140, 47.1732, -57.2804



13.7410, 9.4947, -12.0509

Inverse Universe

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



170.1040, 2.4137, 19.2028



215.9250, 3.9810, 29.8838



188.1240, -14.8511, 3.3993



90.5600, 0.7099, 5.6479



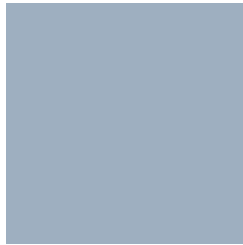
57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 171.8550, 9.9315, -12.1508 looks on a white background.

Color Contrast Check

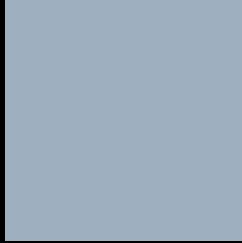
Large Text (above 18pt) WCAG AA × Fail

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 171.8550, 9.9315, -12.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

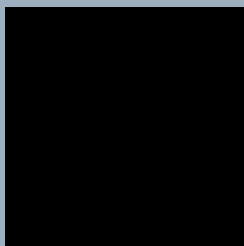
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

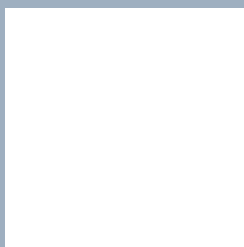
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.8550, 9.9315, -12.1508

Background



This preview shows how black text looks on a background with the YUV color 171.8550, 9.9315, -12.1508.



This preview shows how white text looks on a background with the YUV color 171.8550, 9.9315,

-12.1508.

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

171.8550, 9.9315, -12.1508

Protanopia

173.1660, 8.2992, -1.8996

Deuteranopia

174.4380, 9.1511, 4.8779



Tritanopia

171.5130, 8.6211, -11.8509

Trichromacy



Original Color

171.8550, 9.9315, -12.1508

Protanomaly

172.3720, 9.1836, -5.5882

Deuteranomaly

173.8070, 9.4621, -1.5847

Tritanomaly

171.6270, 9.0579, -11.9509

Monochromacy



Original Color

171.8550, 9.9315, -12.1508

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8550, 9.9315, -12.1508 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(158, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 192)  
}
```

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(158, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 192) }
```

Border

The CSS property to change the border of an element to YUV 171.8550, 9.9315, -12.1508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

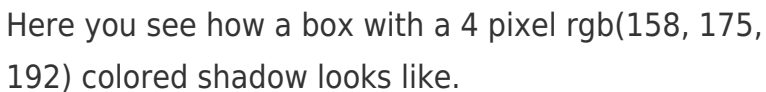
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 175, 192) }
```


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

```
.border{ border-color:rgb(158, 175, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 175, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 175, 192); box-shadow:4px 4px 4px 4px rgb(158, 175, 192) }
```

Background

The CSS property to change the background color of an element to YUV 171.8550, 9.9315, -12.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 192) }
```

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

```
.background{ background-color: rgb(158,  
175, 192) }
```

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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