

Converting Colors

YUV(159.1220, -11.8921,
-12.3850)

Have a look what the booklet for
YUV(159.1220, -11.8921, -12.3850)
contains.

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Color

**YUV(159.1220, -11.8921,
-12.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	91AB87
RGB	145, 171, 135
RGB Percent	57%, 67%, 53%
CMY	0.4314, 0.3294, 0.4706
CMYK	0.15, 0.00, 0.21, 0.33
HSL	103°, 18%, 60%
HSV	103°, 21%, 67%
XYZ	30.6131, 36.8948, 28.4296
YIQ	159.1220, -3.9400, -16.7080

Conversions

Conversions Part 2

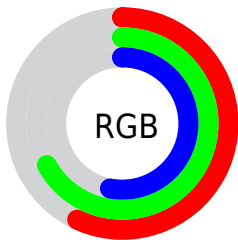
Format	Color
RYB	135, 171, 161
Decimal	9546631
CIELab	67.20, -15.88, 15.61
CIElCh	67, 22.268, 135.476
Yxy	36.8948, 0.3191, 0.3846
Android (android.graphics.Color)	4287736711 (0xFF91AB87)
YUV	159.1220, -11.8921, -12.3850
Hunter-Lab	60.7411, -16.3341, 14.7684

Details

The YUV color **159.1220, -11.8921, -12.3850** is a light color, and the websafe version is hex **999966**. A complement of this color would be **146.8780, 11.8921, 12.3850**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5950, -12.6183, -12.7998**, and **107.6490, -11.1660, -11.9702** is the 20% darker color. If you saturate the color by 10%, you get **153.5960, -17.5488, -18.0627**, and if you desaturate by 10%, it is **164.6480, -6.2355, -6.7073**.

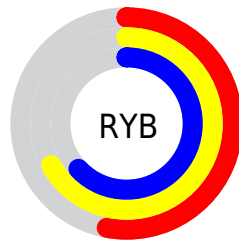
Distribution



Red (57%)

Green (67%)

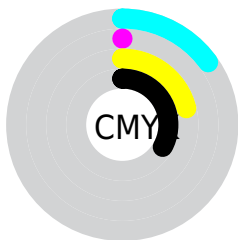
Blue (53%)



Red (53%)

Yellow (67%)

Blue (63%)

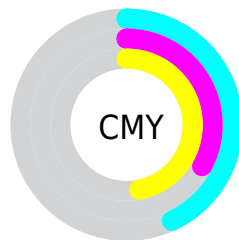


Cyan (15%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1220, -11.8921, -12.3850 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 159.1220, -11.8921, -12.3850 by changing the saturation by 10% instead.

■ 159.1220,
-11.8921, -12.3850

■ 159.1220,
-11.8921, -12.3850

■ 255.0000, 0.0000,
0.0000

■ 132.6490,
-11.1660, -11.9702

■ 213.5950,
-12.6183, -12.7998

■ 107.6490,
-11.1660, -11.9702

■ 242.1820,
-12.9077, -13.3146

■ 83.1760, -10.4398,
-11.5554

■ 253.8600, -4.3680,
0.9998

■ 59.7030, -9.7136,
-11.1405

■ 37.8170, -9.2768,
-11.2405

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 159.1220,
-11.8921, -12.3850

■ 159.1220,
-11.8921, -12.3850

■ 153.5960,
-17.5488, -18.0627

■ 164.6480, -6.2355,
-6.7073

■ 147.7710,
-23.0581, -24.3552

■ 170.4730, -0.7262,
-0.4148

■ 142.2450,
-28.7148, -30.0329

■ 175.9990, 4.9305,
5.2629

■ 136.7190,
-34.3715, -35.7106

■ 181.5250, 10.5872,
10.9406

■ 130.7800,
-40.3175, -41.9031

■ 187.3500, 16.0965,
17.2331

■ 125.2540,
-45.9742, -47.5808

■ 192.9900, 22.1899,
22.8108

■ 119.7280,
-51.6309, -53.2585

■ 198.5160, 27.8466,
28.4885

■ 114.4300,
-56.4140, -59.1361

■ 202.4030, 25.9303,
36.4806

■ 205.6920, 24.3088,
43.2431

Harmonies

Analogous

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



161.9240, -18.2035, 5.3287



159.1220, -11.8921, -12.3850



156.3570, -1.6550, -29.2541

Triad

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



159.1220, -11.8921, -12.3850



159.6170, 20.8948, -28.6051



166.3140, -6.0708, 33.9276

Complementary

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



159.1220, -11.8921, -12.3850



146.8780, 11.8921, 12.3850

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.



167.0880, 3.4076, 27.1098



159.1220, -11.8921, -12.3850



164.1680, 18.6512, -8.9173

Square

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



159.1220, -11.8921, -12.3850



155.9160, 17.2964, -41.1453



166.6930, 12.4764, 11.6702



165.4140, -14.5011, 31.2089

Rectangle

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



159.1220, -11.8921, -12.3850



155.2510, 5.7923, -37.9311



166.6930, 12.4764, 11.6702



166.8130, -2.8658, 32.6130

Sweetspot

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



159.1220, -11.8921, -12.3850



217.5280, -4.2043, -4.8481



161.0260, -12.8308, 8.7472



109.5930, -2.7573, -2.2741



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.



159.1220, -11.8921, -12.3850



203.6560, -18.5644, -18.9923



157.0440, -6.9237, -19.3326



83.8810, -2.8993, -3.4036



100.6080, -49.5997, -51.3992



15.2950, -7.5404, -8.1517

Inverse Universe

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



146.8780, 11.8921, 12.3850



184.3440, 18.5644, 18.9923



148.9560, 6.9237, 19.3326



80.8200, 3.0467, 2.7889



49.6910, 49.4523, 52.0140



7.7050, 7.5404, 8.1517

Previews

White Background



This preview shows how the YUV color 159.1220, -11.8921, -12.3850 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 159.1220, -11.8921, -12.3850 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 159.1220, -11.8921, -12.3850 Background



This preview shows how black text looks on a background with the YUV color 159.1220, -11.8921, -12.3850.



This preview shows how white text looks on a background with the YUV color 159.1220, -11.8921, -12.3850.

-12.3850.

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

159.1220, -11.8921, -12.3850

Protanopia

162.3420, -15.4516, 9.3471

Deuteranopia

164.1030, -12.8688, 20.9577



Tritanopia

162.5950, 7.5947, -9.2918

Trichromacy



Original Color

159.1220, -11.8921, -12.3850

Protanomaly

161.2270, -14.4089, 1.5549

Deuteranomaly

162.1400, -12.3940, 8.6472

Tritanomaly

161.0480, 0.4693, -10.5661

Monochromacy



Original Color

159.1220, -11.8921, -12.3850

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1220, -11.8921, -12.3850 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(145, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(145, 171, 135)  
}
```

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(145, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 171, 135) }
```

Border

The CSS property to change the border of an element to YUV 159.1220, -11.8921, -12.3850 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(145, 171, 135) }
```


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

```
.border{ border-color:rgb(145, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(145, 171,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 159.1220, -11.8921, -12.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 171, 135) }
```

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

```
.background{ background-color: rgb(145,  
171, 135) }
```

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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