

Converting Colors

YUV(163.8070, -10.7509,
-5.0927)

Have a look what the booklet for
YUV(163.8070, -10.7509, -5.0927)
contains.

YUV(163.8070, -10.7509, -5.0927)	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(163.8070, -10.7509,
-5.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAB8E
RGB	158, 171, 142
RGB Percent	62%, 67%, 56%
CMY	0.3804, 0.3294, 0.4431
CMYK	0.08, 0.00, 0.17, 0.33
HSL	87°, 15%, 61%
HSV	87°, 17%, 67%
XYZ	33.5459, 38.3479, 31.2250
YIQ	163.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

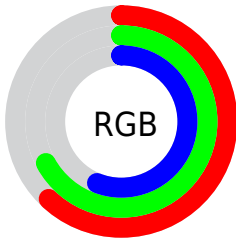
Format	Color
RYB	142, 171, 155
Decimal	10398606
CIELab	68.28, -9.91, 13.41
CIELCh	68, 16.678, 126.458
Yxy	38.3479, 0.3253, 0.3719
Android (android.graphics.Color)	4288588686 (0xFF9EAB8E)
YUV	163.8070, -10.7509, -5.0927
Hunter-Lab	61.9257, -11.6742, 13.4520

Details

The YUV color **163.8070, -10.7509, -5.0927** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149.1930, 10.7509, 5.0927**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6930, -11.1876, -4.9928**, and **112.0350, -9.8773, -5.2927** is the 20% darker color. If you saturate the color by 10%, you get **159.4770, -16.9972, -8.3113**, and if you desaturate by 10%, it is **168.1370, -4.5045, -1.8741**.

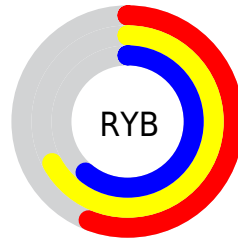
Distribution



Red (62%)

Green (67%)

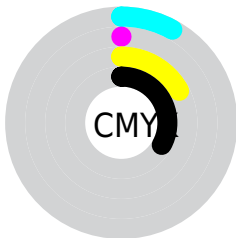
Blue (56%)



Red (56%)

Yellow (67%)

Blue (61%)

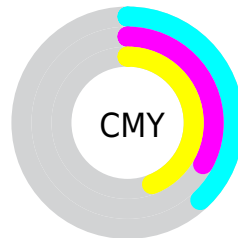


Cyan (8%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8070, -10.7509, -5.0927 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 163.8070, -10.7509, -5.0927 by changing the saturation by 10% instead.

■ 163.8070,
-10.7509, -5.0927

■ 163.8070,
-10.7509, -5.0927

■ 255.0000, 0.0000,
0.0000

■ 137.2200,
-10.4615, -4.5779

■ 218.6930,
-11.1876, -4.9928

■ 112.0350, -9.8773,
-5.2927

■ 247.2800,
-11.4770, -5.5076

■ 87.4480, -9.5879,
-4.7779

■ 254.6580, -1.3104,
0.2999

■ 63.9750, -8.8617,
-4.3631

■ 42.0890, -8.4249,
-4.4631

■ 21.2310, -10.4669,
-2.8336

■ 0.0000, 0.0000,

0.0000

■ 163.8070,
-10.7509, -5.0927

■ 163.8070,
-10.7509, -5.0927

■ 159.4770,
-16.9972, -8.3113

■ 168.1370, -4.5045,
-1.8741

■ 155.4460,
-23.3909, -10.9151

■ 172.1680, 1.8892,
0.7297

■ 151.1160,
-29.6372, -14.1337

■ 176.4980, 8.1355,
3.9483

■ 146.7860,
-35.8835, -17.3523

■ 180.8280, 14.3818,
7.1668

■ 142.7550,
-42.2772, -19.9561

■ 184.8590, 20.7755,
9.7707

■ 138.3110,
-48.9603, -23.0747

■ 189.3030, 27.4586,
12.8893

■ 133.9810,
-55.2066, -26.2933

■ 192.8350, 30.6473,
16.8077

■ 129.9500,
-61.6003, -28.8971

■ 194.9280, 29.6155,
21.1111

■ 128.4830,
-63.3421, -30.2416

■ 197.3200, 28.4362,
26.0294

Harmonies

Analogous

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



165.3850, -13.9938, 8.4324



163.8070, -10.7509, -5.0927



161.8530, -3.8715, -18.2881

Triad

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



163.8070, -10.7509, -5.0927



163.1570, 15.2056, -23.8167



169.1710, -2.5493, 24.4060

Complementary

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



163.8070, -10.7509, -5.0927



149.1930, 10.7509, 5.0927

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.



169.0760, 4.8925, 17.4733



163.8070, -10.7509, -5.0927



166.4190, 14.5834, -10.8915

Square

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



163.8070, -10.7509, -5.0927



161.0870, 11.2961, -29.8943



168.5950, 11.0457, 3.8632



168.6350, -9.6801, 24.8761

Rectangle

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



163.8070, -10.7509, -5.0927



161.1880, 1.3863, -24.7209



168.5950, 11.0457, 3.8632



169.4420, -0.2179, 23.2914

Sweetspot

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



163.8070, -10.7509, -5.0927



219.2510, -4.0677, -1.9741



158.3020, -8.0369, 11.1361



110.3050, -2.6154, -1.1445



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.



163.8070, -10.7509, -5.0927



210.8900, -16.7078, -7.7965



159.6210, -8.6872, -13.6996



84.7780, -3.3416, -1.5593



112.8670, -55.6434, -26.1934



17.3880, -8.5723, -3.8483

Inverse Universe

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



149.1930, 10.7509, 5.0927



188.1100, 16.7078, 7.7965



153.3790, 8.6872, 13.6996



80.2220, 3.3416, 1.5593



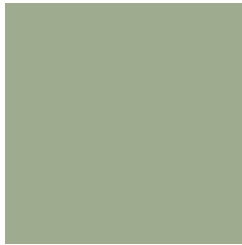
37.1330, 55.6434, 26.1934



5.6120, 8.5723, 3.8483

Previews

White Background



This preview shows how the YUV color 163.8070, -10.7509, -5.0927 looks on a white background.

Color Contrast Check

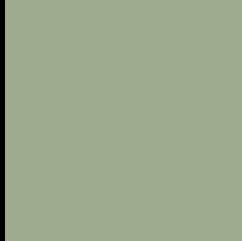
Large Text (above 18pt) WCAG AA × Fail

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 163.8070, -10.7509, -5.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

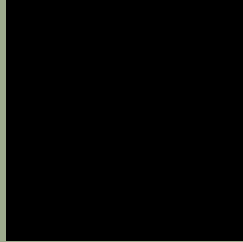
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.8070, -10.7509, -5.0927

Background



This preview shows how black text looks on a background with the YUV color 163.8070, -10.7509, -5.0927.



This preview shows how white text looks on a background with the YUV color 163.8070, -10.7509, -5.0927.

-5.0927.

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

163.8070, -10.7509, -5.0927

Protanopia

165.6130, -13.1202, 8.2324

Deuteranopia

167.1460, -11.4110, 20.0430



Tritanopia

166.8840, 5.9732, -2.5293

Trichromacy



Original Color

163.8070, -10.7509, -5.0927

Protanomaly

165.1070, -12.3778, 3.4142

Deuteranomaly

165.7920, -11.2365, 10.7064

Tritanomaly

165.9780, 0.0108, -3.4887

Monochromacy



Original Color

163.8070, -10.7509, -5.0927

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2510, -4.0677, -1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8070, -10.7509, -5.0927 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, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 142)  
}
```

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, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 142) }
```

Border

The CSS property to change the border of an element to YUV 163.8070, -10.7509, -5.0927 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, 171, 142) }
```


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

```
.border{ border-color:rgb(158, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 171,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 163.8070, -10.7509, -5.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 142) }
```

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

```
.background{ background-color: rgb(158,  
171, 142) }
```

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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