

Converting Colors

YUV(143.1070, -5.9688,
-45.6978)

Have a look what the booklet for
YUV(143.1070, -5.9688, -45.6978)
contains.

YUV(143.1070, -5.9688, -45.6978)	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(143.1070, -5.9688,
-45.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAC83
RGB	91, 172, 131
RGB Percent	36%, 67%, 51%
CMY	0.6431, 0.3255, 0.4863
CMYK	0.47, 0.00, 0.24, 0.33
HSL	150°, 33%, 52%
HSV	150°, 47%, 67%
XYZ	23.1636, 33.3679, 26.6925
YIQ	143.1070, -35.1150, -29.9230

Conversions

Conversions Part 2

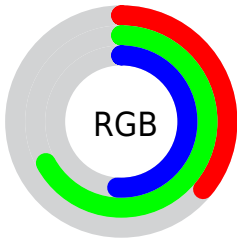
Format	Color
RYB	91, 145, 172
Decimal	6007939
CIELab	64.46, -34.49, 13.55
CIELCh	64, 37.051, 158.552
Yxy	33.3679, 0.2783, 0.4009
Android (android.graphics.Color)	4284198019 (0xFF5BAC83)
YUV	143.1070, -5.9688, -45.6978
Hunter-Lab	57.7649, -29.5105, 13.0382

Details

The YUV color **143.1070, -5.9688, -45.6978** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **119.8930, 5.9688, 45.6978**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1670, -6.9843, -46.6275**, and **89.5520, -4.2161, -47.8421** is the 20% darker color. If you saturate the color by 10%, you get **136.9980, -7.3940, -55.2492**, and if you desaturate by 10%, it is **149.2160, -4.5435, -36.1464**.

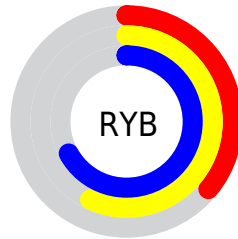
Distribution



Red (36%)

Green (67%)

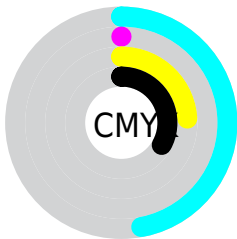
Blue (51%)



Red (36%)

Yellow (57%)

Blue (67%)

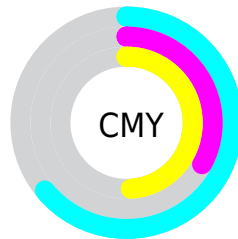


Cyan (47%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (64%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.1070, -5.9688, -45.6978 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 143.1070, -5.9688, -45.6978 by changing the saturation by 10% instead.


 143.1070, -5.9688,
-45.6978

 143.1070, -5.9688,
-45.6978


255.0000, 0.0000,
0.0000

 116.3350, -5.0952,
-45.8978


 198.1670, -6.9843,
-46.6275

 89.5520, -4.2161,
-47.8421


 225.5800, -6.6949,
-46.1127


 61.7900, -1.8685,
-54.1898

 237.4430, 1.2606,
-31.0835

 45.1940, -4.5326,
-39.6351

 247.8240, 3.5378,
-14.7546

 28.8260, -6.3232,
-25.2804

 14.0880, -6.9454,
-12.3552

 0.0000, 0.0000,

0.0000

■ 143.1070, -5.9688,
-45.6978

■ 143.1070, -5.9688,
-45.6978

■ 136.9980, -7.3940,
-55.2492

■ 149.2160, -4.5435,
-36.1464

■ 131.0030, -8.3825,
-64.9006

■ 155.2110, -3.5550,
-26.4950

■ 124.5950, -9.6603,
-75.0668

■ 161.6190, -2.2772,
-16.3289

■ 118.4860,
-11.0856, -84.6182

■ 167.7280, -0.8519,
-6.7775

■ 112.3770,
-12.5109, -94.1696

■ 173.8370, 0.5734,
2.7740

■ 110.6540,
-12.6474, -97.0436

■ 179.8320, 1.5618,
12.4253

■ 185.9410, 2.9871,
21.9767

■ 192.3490, 4.2649,
32.1429

■ 198.3440, 5.2534,
41.7943

Harmonies

Analogous

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



148.9510, -22.6538, -13.9890



143.1070, -5.9688, -45.6978



132.0110, 16.2636, -83.3246

Triad

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



143.1070, -5.9688, -45.6978



153.5430, 33.2563, -26.7862



157.1670, -19.8023, 51.5965

Complementary

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



143.1070, -5.9688, -45.6978



119.8930, 5.9688, 45.6978

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.



158.9620, -5.4043, 53.5303



143.1070, -5.9688, -45.6978



159.6680, 23.8277, 10.8152

Square

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



143.1070, -5.9688, -45.6978



140.4190, 37.7544, -69.6505



160.5870, 10.0636, 38.9502



155.7340, -29.9419, 37.0673

Rectangle

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



143.1070, -5.9688, -45.6978



122.8690, 31.6166, -107.7561



160.5870, 10.0636, 38.9502



157.9160, -15.7346, 53.5707

Sweetspot

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



143.1070, -5.9688, -45.6978



212.9070, -2.4192, -17.4584



151.1050, -29.6318, -15.8781



105.2930, -1.1304, -10.7810



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.



143.1070, -5.9688, -45.6978



178.4320, -9.0870, -72.2929



147.6670, 11.5032, -49.6970



83.7390, -0.8573, -5.0331



96.4860, -11.0856, -84.6182



14.7550, -1.8512, -12.9401

Inverse Universe

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



119.8930, 5.9688, 45.6978



141.6820, 9.5238, 72.1929



115.3330, -11.5032, 49.6970



81.1470, 0.4205, 5.1331



53.5140, 11.0856, 84.6182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 143.1070, -5.9688, -45.6978 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 143.1070, -5.9688, -45.6978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

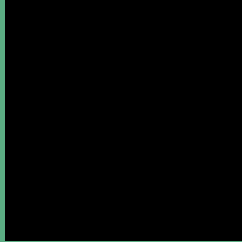
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 143.1070, -5.9688, -45.6978

Background



This preview shows how black text looks on a background with the YUV color 143.1070, -5.9688, -45.6978.



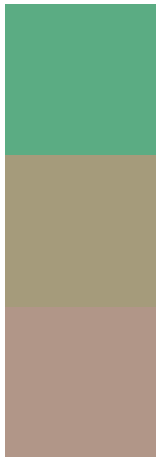
This preview shows how white text looks on a background with the YUV color 143.1070, -5.9688, -45.6978.

-45.6978.

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

143.1070, -5.9688, -45.6978

Protanopia

154.3420, -15.4516, 9.3471

Deuteranopia

156.4770, -10.0952, 17.9987



Tritanopia

148.6450, 14.9650, -40.0307

Trichromacy



Original Color

143.1070, -5.9688, -45.6978

Protanomaly

150.1330, -11.8976, -10.6406

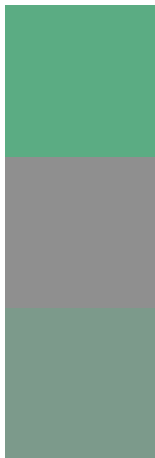
Deuteranomaly

151.6760, -8.7143, -4.9779

Tritanomaly

146.6850, 7.5503, -41.8197

Monochromacy



Original Color

143.1070, -5.9688, -45.6978

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.3200, -2.1298, -16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.1070, -5.9688, -45.6978 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(91, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(91, 172, 131)  
}
```

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(91, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 172, 131) }
```

Border

The CSS property to change the border of an element to YUV 143.1070, -5.9688, -45.6978 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(91, 172, 131) }
```


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

```
.border{ border-color:rgb(91, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(91, 172,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 143.1070, -5.9688, -45.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 172, 131) }
```

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

```
.background{ background-color: rgb(91, 172,  
131) }
```

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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