

Converting Colors

YUV(143.0850, -9.4089,
-62.3415)

Have a look what the booklet for
YUV(143.0850, -9.4089, -62.3415)
contains.

YUV(143.0850, -9.4089, -62.3415)	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(143.0850, -9.4089,
-62.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	48B77C
RGB	72, 183, 124
RGB Percent	28%, 72%, 49%
CMY	0.7176, 0.2824, 0.5137
CMYK	0.61, 0.00, 0.32, 0.28
HSL	148°, 44%, 50%
HSV	148°, 61%, 72%
XYZ	23.2441, 36.6999, 24.9275
YIQ	143.0850, -47.2170, -41.8810

Conversions

Conversions Part 2

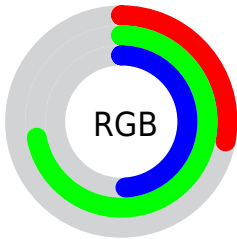
Format	Color
RYB	72, 148, 183
Decimal	4765564
CIELab	67.05, -45.30, 20.84
CIELCh	67, 49.868, 155.295
Yxy	36.6999, 0.2739, 0.4324
Android (android.graphics.Color)	4282955644 (0xFF48B77C)
YUV	143.0850, -9.4089, -62.3415
Hunter-Lab	60.5805, -37.5273, 18.0098

Details

The YUV color **143.0850, -9.4089, -62.3415** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **111.9150, 9.4089, 62.3415**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9280, -11.3035, -61.3269**, and **84.2730, -4.5716, -73.9074** is the 20% darker color. If you saturate the color by 10%, you get **136.5630, -11.1236, -72.4078**, and if you desaturate by 10%, it is **149.6070, -7.6943, -52.2753**.

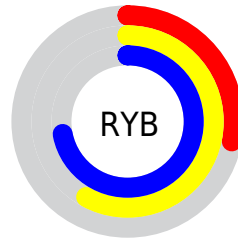
Distribution



Red (28%)

Green (72%)

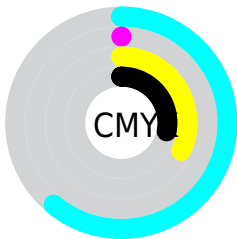
Blue (49%)



Red (28%)

Yellow (58%)

Blue (72%)

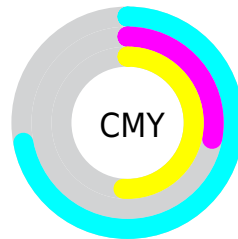


Cyan (61%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (72%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.0850, -9.4089, -62.3415 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 143.0850, -9.4089, -62.3415 by changing the saturation by 10% instead.


 143.0850, -9.4089,
-62.3415

 143.0850, -9.4089,
-62.3415


255.0000, 0.0000,
0.0000

 114.5190, -7.6509,
-66.2302


 199.9280,
-11.3035, -61.3269

 84.2730, -4.5716,
-73.9074


 220.4820, -8.1256,
-53.9197


 66.3890, -7.0938,
-58.2232


 232.4590, 0.2667,
-38.9905

 49.0920, -9.9054,
-43.0537

 243.6380, 5.6015,
-23.3615

 32.4960, -12.5695,
-28.4990

 252.6080, 1.1793,
-4.9182

 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,

0.0000

■ 143.0850, -9.4089,
-62.3415

■ 143.0850, -9.4089,
-62.3415

■ 136.5630,
-11.1236, -72.4078

■ 149.6070, -7.6943,
-52.2753

■ 129.8560,
-12.2540, -83.1887

■ 156.3140, -6.5638,
-41.4944

■ 123.3340,
-13.9687, -93.2549

■ 162.8360, -4.8491,
-31.4282

■ 117.2250,
-15.3939, -102.8063

■ 169.3580, -3.1345,
-21.3620

■ 176.1790, -1.5672,
-10.6810

■ 182.5870, -0.2894,
-0.5148

■ 189.1090, 1.4253,
9.5514

■ 195.6310, 3.1399,
19.6176

■ 202.4520, 4.7072,
30.2986

Harmonies

Analogous

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



153.5950, -32.8313, -16.3078



143.0850, -9.4089, -62.3415



128.5620, 20.4289, -112.7489

Triad

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



143.0850, -9.4089, -62.3415



155.1840, 47.7303, -49.2734



163.1370, -24.2245, 70.0399

Complementary

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



143.0850, -9.4089, -62.3415



111.9150, 9.4089, 62.3415

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.



164.8270, -3.8587, 71.1887



143.0850, -9.4089, -62.3415



166.8170, 34.6002, 8.9305

Square

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



143.0850, -9.4089, -62.3415



132.3020, 55.0671, -116.0289



167.7870, 16.8670, 50.1758



161.0040, -39.4420, 50.8625

Rectangle

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



143.0850, -9.4089, -62.3415



131.3950, 33.8223, -115.2334



167.7870, 16.8670, 50.1758



163.4670, -17.9782, 73.2584

Sweetspot

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



143.0850, -9.4089, -62.3415



221.5210, -3.7079, -24.1359



154.7980, -40.8194, -20.8708



110.3310, -2.1352, -15.1993



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



143.0850, -9.4089, -62.3415



174.7850, -14.6840, -97.1584



149.3550, 14.6150, -67.8403



88.7390, -0.8573, -5.0331



99.8940, -13.2587, -87.6070



17.9180, -2.4246, -15.7141

Inverse Universe

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



111.9150, 9.4089, 62.3415



126.2150, 14.6840, 97.1584



105.6450, -14.6150, 67.8403



86.1470, 0.4205, 5.1331



56.1060, 13.2587, 87.6070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 143.0850, -9.4089, -62.3415 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 143.0850, -9.4089, -62.3415 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 143.0850, -9.4089, -62.3415

Background



This preview shows how black text looks on a background with the YUV color 143.0850, -9.4089, -62.3415.



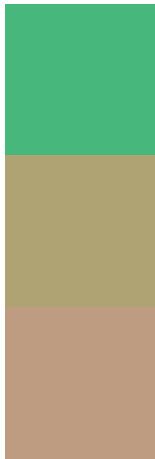
This preview shows how white text looks on a background with the YUV color 143.0850, -9.4089, -62.3415.

-62.3415.

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

143.0850, -9.4089, -62.3415

Protanopia

160.5290, -22.4458, 12.6911

Deuteranopia

162.9030, -16.2212, 22.8871



Tritanopia

152.0780, 18.2025, -51.8114

Trichromacy



Original Color

143.0850, -9.4089, -62.3415



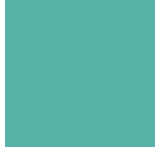
Protanomaly

154.5040, -17.9965, -14.4740



Deuteranomaly

155.6880, -13.6502, -8.4964



Tritanomaly

148.7110, 8.0305, -55.8745

Monochromacy



Original Color

143.0850, -9.4089, -62.3415



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.2330, -3.5659, -23.0063

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.0850, -9.4089, -62.3415 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(72, 183, 124)` looks like.

```
.text, #text, p{  
    color:rgb(72, 183, 124)  
}
```

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(72, 183, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 183, 124) }
```

Border

The CSS property to change the border of an element to YUV 143.0850, -9.4089, -62.3415 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(72, 183, 124) }
```


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

```
.border{ border-color:rgb(72, 183, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 183, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 183, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 183, 124);  
box-shadow:4px 4px 4px 4px rgb(72, 183,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 143.0850, -9.4089, -62.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 183, 124) }
```

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

```
.background{ background-color: rgb(72, 183,  
124) }
```

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