

Converting Colors

YUV(138.4640, -0.7218,
-48.6419)

Have a look what the booklet for
YUV(138.4640, -0.7218, -48.6419)
contains.

YUV(138.4640, -0.7218, -48.6419)	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(138.4640, -0.7218,
-48.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	53A789
RGB	83, 167, 137
RGB Percent	33%, 65%, 54%
CMY	0.6745, 0.3451, 0.4627
CMYK	0.50, 0.00, 0.18, 0.35
HSL	159°, 34%, 49%
HSV	159°, 50%, 65%
XYZ	21.9014, 31.2826, 28.5507
YIQ	138.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

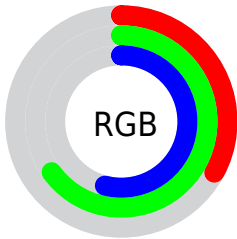
Format	Color
RYB	83, 134, 167
Decimal	5482377
CIELab	62.75, -32.88, 7.76
CIElCh	63, 33.787, 166.728
Yxy	31.2826, 0.2680, 0.3827
Android (android.graphics.Color)	4283672457 (0xFF53A789)
YUV	138.4640, -0.7218, -48.6419
Hunter-Lab	55.9308, -27.9821, 8.8861

Details

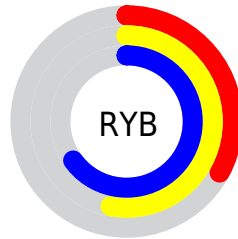
The YUV color **138.4640, -0.7218, -48.6419** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **111.5360, 0.7218, 48.6419**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8230, -1.8847, -48.9568**, and **83.7130, 1.6205, -53.2453** is the 20% darker color. If you saturate the color by 10%, you get **132.6970, -0.8366, -58.4933**, and if you desaturate by 10%, it is **144.2310, -0.6069, -38.7906**.

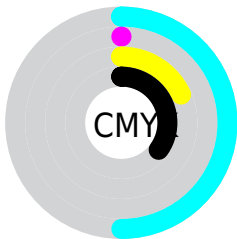
Distribution



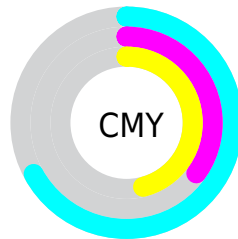
- Red (33%)
- Green (65%)
- Blue (54%)



- Red (33%)
- Yellow (53%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4640, -0.7218, -48.6419 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 138.4640, -0.7218, -48.6419 by changing the saturation by 10% instead.

■ 138.4640, -0.7218,
-48.6419

■ 138.4640, -0.7218,
-48.6419

■ 255.0000, 0.0000,
0.0000

■ 111.3930, 0.2993,
-49.4567

■ 193.8230, -1.8847,
-48.9568

■ 83.7130, 1.6205,
-53.2453

■ 221.8230, -1.8847,
-48.9568

■ 59.5390, 2.1993,
-52.2157

■ 235.8490, 5.4974,
-36.7016

■ 42.9430, -0.4649,
-37.6610

■ 245.4320, 4.7170,
-19.6729

■ 27.6350, -3.2711,
-24.2359

■ 254.1030, 0.4422,
-1.8443

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 138.4640, -0.7218,
-48.6419

■ 138.4640, -0.7218,
-48.6419

■ 132.6970, -0.8366,
-58.4933

■ 144.2310, -0.6069,
-38.7906

■ 127.2290, -1.0989,
-67.7298

■ 149.6990, -0.3446,
-29.5540

■ 121.4620, -1.2138,
-77.5812

■ 155.4660, -0.2297,
-19.7027

■ 115.6950, -1.3286,
-87.4325

■ 161.2330, -0.1149,
-9.8513

■ 110.2270, -1.5909,
-96.6691

■ 166.7010, 0.1474,
-0.6148

■ 172.4680, 0.2623,
9.2366

■ 178.2350, 0.3771,
19.0879

■ 184.0020, 0.4920,
28.9392

■ 189.4700, 0.7543,
38.1758

Harmonies

Analogous

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



144.4000, -16.9592, -20.5218



138.4640, -0.7218, -48.6419



130.3260, 18.5733, -77.4619

Triad

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



138.4640, -0.7218, -48.6419



151.9530, 28.1242, -13.9908



152.3680, -21.3804, 44.4043

Complementary

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



138.4640, -0.7218, -48.6419



111.5360, 0.7218, 48.6419

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.



154.3160, -9.0298, 49.7119



138.4640, -0.7218, -48.6419



155.6320, 18.4224, 17.8627

Square

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



138.4640, -0.7218, -48.6419



142.9870, 33.0374, -49.9776



155.6320, 5.1114, 40.6647



150.4340, -28.3150, 28.5604

Rectangle

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



138.4640, -0.7218, -48.6419



127.4310, 29.3675, -86.3240



155.6320, 5.1114, 40.6647



153.6010, -18.0443, 47.7079

Sweetspot

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



138.4640, -0.7218, -48.6419



205.7650, -0.3771, -19.0879



141.5770, -28.8785, -24.1850



103.2220, -0.1094, -11.5957



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



138.4640, -0.7218, -48.6419



172.7720, -1.3666, -75.2220



135.4270, 15.5655, -45.9785



81.2660, -0.1311, -4.6183



97.7060, -1.3341, -85.6882



13.2220, -0.1094, -11.5957

Inverse Universe

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



111.5360, 0.7218, 48.6419



131.1140, 0.9298, 75.3220



114.5730, -15.5655, 45.9785



78.7340, 0.1311, 4.6183



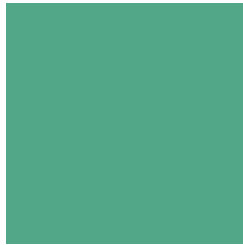
50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 138.4640, -0.7218, -48.6419 looks on a white background.

Color Contrast Check

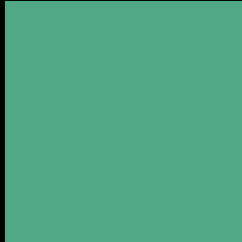
Large Text (above 18pt) WCAG AA × Fail

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 138.4640, -0.7218, -48.6419 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 138.4640, -0.7218, -48.6419

Background



This preview shows how black text looks on a background with the YUV color 138.4640, -0.7218, -48.6419.



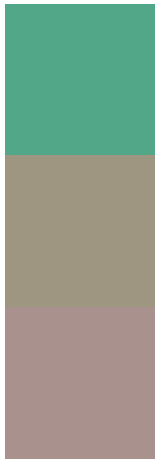
This preview shows how white text looks on a background with the YUV color 138.4640, -0.7218, -48.6419.

-48.6419.

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

138.4640, -0.7218, -48.6419

Protanopia

150.2970, -10.4994, 7.6325

Deuteranopia

152.4210, -5.1376, 14.5398



Tritanopia

143.1500, 15.7021, -43.1045

Trichromacy



Original Color

138.4640, -0.7218, -48.6419

Protanomaly

145.7890, -6.7980, -12.9700

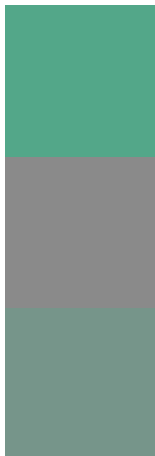
Deuteranomaly

147.6200, -3.7567, -8.4367

Tritanomaly

141.5320, 9.5977, -45.1936

Monochromacy



Original Color

138.4640, -0.7218, -48.6419

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.4770, -0.2352, -17.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4640, -0.7218, -48.6419 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(83, 167, 137)` looks like.

```
.text, #text, p{  
    color:rgb(83, 167, 137)  
}
```

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(83, 167, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 167, 137) }
```

Border

The CSS property to change the border of an element to YUV 138.4640, -0.7218, -48.6419 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(83, 167, 137) }
```


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

```
.border{ border-color:rgb(83, 167, 137) }
```

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

Here you see how a box with a 4 pixel rgb(83, 167, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 167, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 167, 137);  
box-shadow:4px 4px 4px 4px rgb(83, 167,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 138.4640, -0.7218, -48.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 167, 137) }
```

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

```
.background{ background-color: rgb(83, 167,  
137) }
```

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