

Converting Colors

YUV(143.6180, 12.5133,
-47.0230)

Have a look what the booklet for
YUV(143.6180, 12.5133, -47.0230)
contains.

YUV(143.6180, 12.5133, -47.0230)	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(143.6180, 12.5133,
-47.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA6A9
RGB	90, 166, 169
RGB Percent	35%, 65%, 66%
CMY	0.6471, 0.3490, 0.3373
CMYK	0.47, 0.02, 0.00, 0.34
HSL	182°, 31%, 51%
HSV	182°, 47%, 66%
XYZ	25.0141, 32.3107, 42.4543
YIQ	143.6180, -46.2590, -15.1790

Conversions

Conversions Part 2

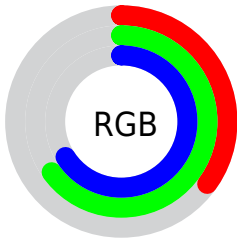
Format	Color
RYB	90, 129, 169
Decimal	5940905
CIELab	63.60, -22.68, -8.87
CIElCh	64, 24.353, 201.365
Yxy	32.3107, 0.2507, 0.3238
Android (android.graphics.Color)	4284130985 (0xFF5AA6A9)
YUV	143.6180, 12.5133, -47.0230
Hunter-Lab	56.8425, -20.9236, -4.4926

Details

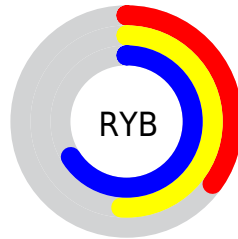
The YUV color **143.6180, 12.5133, -47.0230** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.3820, -12.5133, 47.0230**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6180, 12.5133, -47.0230**, and **89.5250, 13.5452, -51.3264** is the 20% darker color. If you saturate the color by 10%, you get **137.9480, 15.3086, -56.9594**, and if you desaturate by 10%, it is **149.2880, 9.7180, -37.0866**.

Distribution



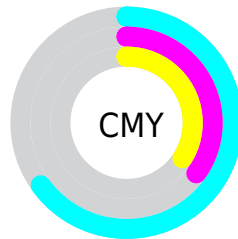
- Red (35%)
- Green (65%)
- Blue (66%)



- Red (35%)
- Yellow (51%)
- Blue (66%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.6180, 12.5133, -47.0230 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 143.6180, 12.5133, -47.0230 by changing the saturation by 10% instead.

■ 143.6180, 12.5133,
-47.0230

■ 143.6180, 12.5133,
-47.0230

■ 255.0000, 0.0000,
0.0000

■ 116.4330, 13.0975,
-47.7377

■ 198.6180, 12.5133,
-47.0230

■ 89.5250, 13.5452,
-51.3264

■ 227.3190, 12.6607,
-47.6378

■ 62.7310, 14.4296,
-55.0151

■ 239.1530, 7.8126,
-32.5832

■ 46.0210, 11.3286,
-40.3604

■ 247.8240, 3.5378,
-14.7546

■ 30.5990, 8.0857,
-26.8353

■ 15.8780, 4.9901,
-13.9250

■ 0.0000, 0.0000,

0.0000

■ 143.6180, 12.5133,
-47.0230

■ 143.6180, 12.5133,
-47.0230

■ 137.9480, 15.3086,
-56.9594

■ 149.2880, 9.7180,
-37.0866

■ 132.8650, 17.8146,
-67.4106

■ 154.3710, 7.2121,
-26.6354

■ 127.1950, 20.6099,
-77.3470

■ 160.0410, 4.4168,
-16.6990

■ 121.5250, 23.4052,
-87.2834

■ 165.7110, 1.6215,
-6.7625

■ 116.4420, 25.9111,
-97.7346

■ 170.4950, -0.7370,
3.0739

■ 114.9470, 26.6481,
-100.8085

■ 176.1650, -3.5323,
13.0103

■ 181.2480, -6.0383,
23.4615

■ 186.9180, -8.8336,
33.3979

■ 192.5880,
-11.6289, 43.3343

Harmonies

Analogous

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



145.5950, 0.6927, -35.6018



143.6180, 12.5133, -47.0230



145.1050, 20.6542, -44.8191

Triad

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



143.6180, 12.5133, -47.0230



157.1990, 11.7339, 16.4885



153.3280, -20.8677, 19.8833

Complementary

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



143.6180, 12.5133, -47.0230



115.3820, -12.5133, 47.0230

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.



155.1430, -16.8325, 32.3236



143.6180, 12.5133, -47.0230



157.6540, 1.6496, 30.9984

Square

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



143.6180, 12.5133, -47.0230



155.3040, 19.0771, -5.5286



156.6410, -8.6970, 36.2718



151.0870, -18.7769, 2.5547

Rectangle

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



143.6180, 12.5133, -47.0230



148.7410, 22.8057, -34.8529



156.6410, -8.6970, 36.2718



154.1760, -20.2998, 24.4016

Sweetspot

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



143.6180, 12.5133, -47.0230



209.4430, 4.7116, -17.9285



136.7150, -21.5515, -40.9691



103.7320, 3.0901, -11.1660



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.



143.6180, 12.5133, -47.0230



179.8750, 19.2886, -73.5584



120.7250, 23.7996, -26.9458



81.6080, 1.1793, -4.9182



100.2260, 23.5526, -87.8982



14.0200, 2.9481, -12.2955

Inverse Universe

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



122.2850, 21.5515, 40.9691



146.3430, 33.8479, 63.7202



138.2750, -23.7996, 26.9458



79.3040, 2.3151, 4.1184



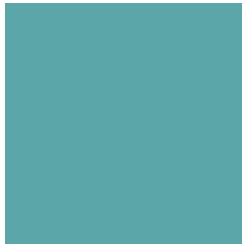
60.4400, 40.2091, 76.7901



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 143.6180, 12.5133, -47.0230 looks on a white background.

Color Contrast Check

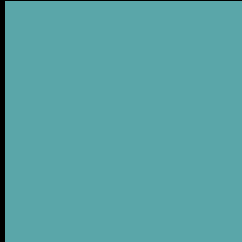
Large Text (above 18pt) WCAG AA × Fail

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 143.6180, 12.5133, -47.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

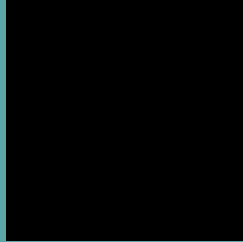
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 143.6180, 12.5133, -47.0230

Background



This preview shows how black text looks on a background with the YUV color 143.6180, 12.5133, -47.0230.

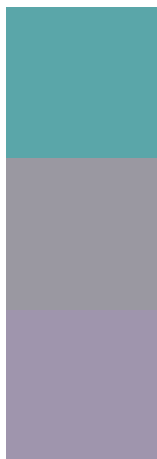


This preview shows how white text looks on a background with the YUV color 143.6180, 12.5133, -47.0230.

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

143.6180, 12.5133, -47.0230

Protanopia

153.6240, 3.6364, 0.3298

Deuteranopia

154.7260, 9.0091, 3.7483



Tritanopia

144.9540, 16.2917, -45.5637

Trichromacy



Original Color

143.6180, 12.5133, -47.0230

Protanomaly

150.0240, 6.8902, -16.6840

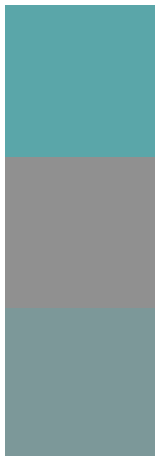
Deuteranomaly

150.6590, 10.5211, -14.6099

Tritanomaly

144.3130, 15.1287, -45.8785

Monochromacy



Original Color

143.6180, 12.5133, -47.0230

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.7420, 4.5642, -17.3137

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.6180, 12.5133, -47.0230 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(90, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(90, 166, 169)  
}
```

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(90, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 166, 169) }
```

Border

The CSS property to change the border of an element to YUV 143.6180, 12.5133, -47.0230 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(90, 166, 169) }
```


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

```
.border{ border-color:rgb(90, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(90, 166,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 143.6180, 12.5133, -47.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 166, 169) }
```

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

```
.background{ background-color: rgb(90, 166,  
169) }
```

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