

Converting Colors

YUV(143.4690, -1.7102,
-58.2933)

Have a look what the booklet for
YUV(143.4690, -1.7102, -58.2933)
contains.

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Color

**YUV(143.4690, -1.7102,
-58.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB28C
RGB	77, 178, 140
RGB Percent	30%, 70%, 55%
CMY	0.6980, 0.3020, 0.4510
CMYK	0.57, 0.00, 0.21, 0.30
HSL	157°, 40%, 50%
HSV	157°, 57%, 70%
XYZ	23.7146, 35.3120, 30.3770
YIQ	143.4690, -47.9980, -33.2300

Conversions

Conversions Part 2

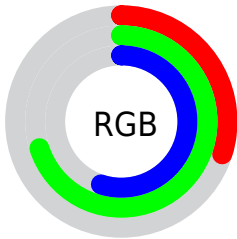
Format	Color
RYB	77, 139, 178
Decimal	5091980
CIELab	65.99, -38.64, 10.68
CIELCh	66, 40.086, 164.550
Yxy	35.3120, 0.2653, 0.3950
Android (android.graphics.Color)	4283282060 (0xFF4DB28C)
YUV	143.4690, -1.7102, -58.2933
Hunter-Lab	59.4239, -32.7570, 11.2882

Details

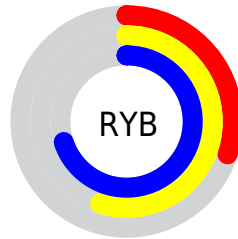
The YUV color **143.4690, -1.7102, -58.2933** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **111.5310, 1.7102, 58.2933**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5400, -2.7312, -57.4786**, and **83.6350, 3.1379, -73.3479** is the 20% darker color. If you saturate the color by 10%, you get **137.2890, -2.1145, -68.6595**, and if you desaturate by 10%, it is **149.6490, -1.3060, -47.9272**.

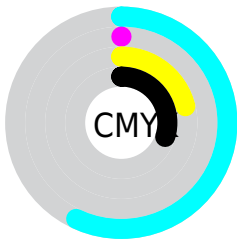
Distribution



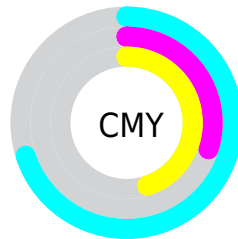
- Red (30%)
- Green (70%)
- Blue (55%)



- Red (30%)
- Yellow (55%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)



- Cyan (70%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.4690, -1.7102, -58.2933 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 143.4690, -1.7102, -58.2933 by changing the saturation by 10% instead.

■ 143.4690, -1.7102,
-58.2933

■ 143.4690, -1.7102,
-58.2933

■ 255.0000, 0.0000,
0.0000

■ 115.3870, -0.6838,
-60.8524

■ 199.5400, -2.7312,
-57.4786

■ 83.6350, 3.1379,
-73.3479

■ 223.3170, -1.1423,
-53.7750

■ 65.6370, 0.1790,
-57.5636

■ 235.2940, 7.2501,
-38.8458

■ 48.4540, -2.1958,
-42.4942

■ 244.5350, 5.1592,
-21.5172

■ 32.5590, -4.7126,
-28.5542

■ 253.5050, 0.7370,
-3.0739

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 143.4690, -1.7102,
-58.2933

■ 143.4690, -1.7102,
-58.2933

■ 137.2890, -2.1145,
-68.6595

■ 149.6490, -1.3060,
-47.9272

■ 131.2230, -2.0819,
-79.1256

■ 155.7150, -1.3385,
-37.4611

■ 125.3420, -2.6336,
-88.8769

■ 161.5960, -0.7868,
-27.7097

■ 119.1620, -3.0379,
-99.2431

■ 167.7760, -0.3826,
-17.3436

■ 117.1400, -3.0270,
-102.7318

■ 173.8420, -0.4151,
-6.8774

■ 180.0220, -0.0108,
3.4887

■ 186.2020, 0.3934,
13.8548

■ 192.0830, 0.9451,
23.6062

■ 198.1490, 0.9125,
34.0723

Harmonies

Analogous

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



151.5370, -21.4637, -22.3959



143.4690, -1.7102, -58.2933



125.2510, 25.5123, -109.8451

Triad

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



143.4690, -1.7102, -58.2933



159.3310, 34.8398, -21.3383



160.6250, -24.4651, 53.8259

Complementary

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



143.4690, -1.7102, -58.2933



111.5310, 1.7102, 58.2933

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.



162.6700, -9.2043, 59.0484



143.4690, -1.7102, -58.2933



164.3100, 23.5112, 19.0221

Square

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



143.4690, -1.7102, -58.2933



144.7440, 41.5382, -69.9355



164.3600, 7.7105, 47.0423



159.0990, -33.5728, 34.9932

Rectangle

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



143.4690, -1.7102, -58.2933



127.2860, 35.8480, -111.6298



164.3600, 7.7105, 47.0423



161.4990, -19.9660, 57.4444

Sweetspot

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



143.4690, -1.7102, -58.2933



218.6290, -0.8031, -22.4766



147.9480, -34.9774, -28.0184



109.0970, -0.5408, -13.2401



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



143.4690, -1.7102, -58.2933



178.0320, -2.4808, -91.2361



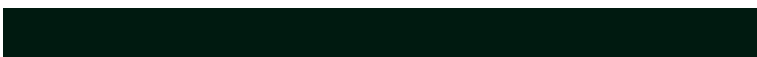
140.7570, 18.3608, -55.9149



85.9670, 0.0163, -5.2331



100.6410, -2.7810, -88.2622



17.0860, -0.5354, -14.9844

Inverse Universe

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



111.5310, 1.7102, 58.2933



128.0820, 2.9176, 91.1361



114.2430, -18.3608, 55.9149



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 143.4690, -1.7102, -58.2933 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 143.4690, -1.7102, -58.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

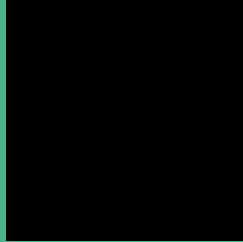
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 143.4690, -1.7102, -58.2933

Background



This preview shows how black text looks on a background with the YUV color 143.4690, -1.7102, -58.2933.



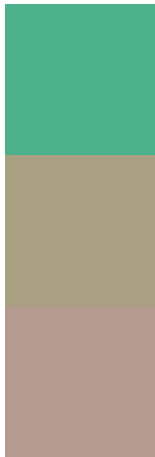
This preview shows how white text looks on a background with the YUV color 143.4690, -1.7102, -58.2933.

-58.2933.

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

143.4690, -1.7102, -58.2933

Protanopia

158.7980, -13.7044, 8.9472

Deuteranopia

160.7480, -7.7638, 16.8840



Tritanopia

149.6760, 17.9077, -50.5819

Trichromacy



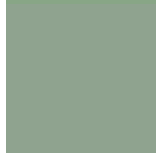
Original Color

143.4690, -1.7102, -58.2933



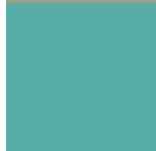
Protanomaly

153.3820, -9.5553, -15.2440



Deuteranomaly

154.7400, -5.7878, -10.2960



Tritanomaly

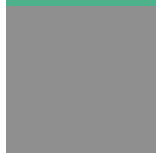
147.4170, 10.6404, -52.9857

Monochromacy



Original Color

143.4690, -1.7102, -58.2933



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.3410, -0.6611, -21.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.4690, -1.7102, -58.2933 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(77, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(77, 178, 140)  
}
```

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(77, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 178, 140) }
```

Border

The CSS property to change the border of an element to YUV 143.4690, -1.7102, -58.2933 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(77, 178, 140) }
```


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

```
.border{ border-color:rgb(77, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(77, 178,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 143.4690, -1.7102, -58.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 178, 140) }
```

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

```
.background{ background-color: rgb(77, 178,  
140) }
```

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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