

Converting Colors

YUV(135.1690, -6.4923,
-17.6882)

Have a look what the booklet for
YUV(135.1690, -6.4923, -17.6882)
contains.

YUV(135.1690, -6.4923, -17.6882)	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(135.1690, -6.4923,
-17.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	73947A
RGB	115, 148, 122
RGB Percent	45%, 58%, 48%
CMY	0.5490, 0.4196, 0.5216
CMYK	0.22, 0.00, 0.18, 0.42
HSL	133°, 13%, 52%
HSV	133°, 22%, 58%
XYZ	21.1730, 26.2298, 22.3593
YIQ	135.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

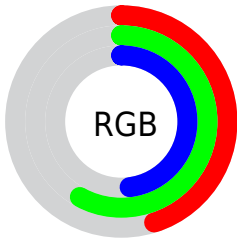
Format	Color
R_{YB}	115, 142, 148
Decimal	7574650
CIE _{Lab}	58.25, -16.96, 10.03
CIE _{LCh}	58, 19.707, 149.405
Yxy	26.2298, 0.3035, 0.3760
Android (android.graphics.Color)	4285764730 (0xFF73947A)
YUV	135.1690, -6.4923, -17.6882
Hunter-Lab	51.2150, -15.8320, 9.9659

Details

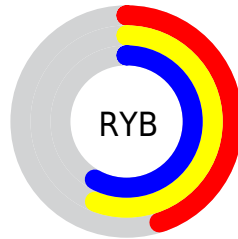
The YUV color $135.1690, -6.4923, -17.6882$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $127.8310, 6.4923, 17.6882$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.3430, -7.0711, -18.7178$, and $84.9950, -5.9135, -16.6586$ is the 20% darker color. If you saturate the color by 10%, you get $129.3160, -9.5228, -25.7101$, and if you desaturate by 10%, it is $141.0220, -3.4618, -9.6663$.

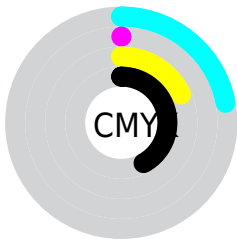
Distribution



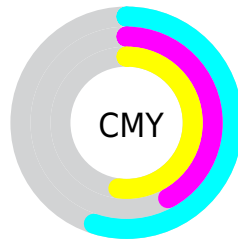
- Red (45%)
- Green (58%)
- Blue (48%)



- Red (45%)
- Yellow (56%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1690, -6.4923, -17.6882 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 135.1690, -6.4923, -17.6882 by changing the saturation by 10% instead.

■ 135.1690, -6.4923,
-17.6882

■ 135.1690, -6.4923,
-17.6882

■ 255.0000, 0.0000,
0.0000

■ 109.5820, -6.2029,
-17.1734

■ 188.3430, -7.0711,
-18.7178

■ 84.9950, -5.9135,
-16.6586

■ 216.3430, -7.0711,
-18.7178

■ 61.5220, -5.1873,
-16.2438

■ 242.5820, -6.2029,
-17.1734

■ 39.6360, -4.7505,
-16.3438

■ 254.1030, 0.4422,
-1.8443

■ 18.1800, -6.4977,
-15.9439

■ 0.0000, 0.0000,
0.0000

■ 135.1690, -6.4923,
-17.6882

■ 135.1690, -6.4923,
-17.6882

■ 129.3160, -9.5228,
-25.7101

■ 141.0220, -3.4618,
-9.6663

■ 123.5770,
-12.1165, -33.8320

■ 146.7610, -0.8682,
-1.5444

■ 118.0230,
-15.2943, -41.2392

■ 152.3150, 2.3097,
5.8627

■ 112.1700,
-18.3248, -49.2611

■ 158.1680, 5.3402,
13.8847

■ 106.4310,
-20.9185, -57.3830

■ 163.9070, 7.9338,
22.0066

■ 100.5780,
-23.9490, -65.4049

■ 169.7600, 10.9643,
30.0285

■ 94.7250, -26.9794,
-73.4268

■ 175.6130, 13.9948,
38.0504

■ 90.4100, -29.2891,

■ 181.0530, 16.7359,

-79.2896

45.5575

■ 186.9060, 19.7663,
53.5794

Harmonies

Analogous

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



137.4330, -13.5245, -2.1337



135.1690, -6.4923, -17.6882



133.1980, 2.8604, -30.8686

Triad

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



135.1690, -6.4923, -17.6882



138.7710, 17.3679, -17.3392



142.1840, -8.9647, 28.7796

Complementary

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



135.1690, -6.4923, -17.6882



127.8310, 6.4923, 17.6882

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.



142.9370, -0.9549, 26.3653



135.1690, -6.4923, -17.6882



141.6700, 13.9667, 0.2894

Square

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



135.1690, -6.4923, -17.6882



135.1560, 16.6851, -31.7088



142.7600, 7.5133, 16.8735



140.9570, -14.7688, 23.7167

Rectangle

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



135.1690, -6.4923, -17.6882



132.7720, 8.9864, -35.7570



142.7600, 7.5133, 16.8735



142.4660, -6.6387, 29.4093

Sweetspot

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



135.1690, -6.4923, -17.6882



185.9730, -2.4517, -6.9923



142.1450, -13.3825, -1.0042



93.9240, -1.4415, -4.3183



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



135.1690, -6.4923, -17.6882



171.1910, -9.9542, -27.3545



136.9930, 0.4965, -19.2879



71.2230, -1.5889, -3.7036



84.3120, -27.2688, -73.9416



6.0980, -2.0203, -5.3479

Inverse Universe

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



127.8310, 6.4923, 17.6882



159.8090, 9.9542, 27.3545



126.0070, -0.4965, 19.2879



69.6630, 1.1521, 3.8035



53.5740, 26.8320, 74.0416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 135.1690, -6.4923, -17.6882 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1690, -6.4923, -17.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

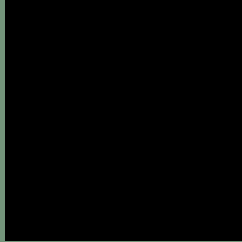
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.1690, -6.4923, -17.6882

Background



This preview shows how black text looks on a background with the YUV color 135.1690, -6.4923, -17.6882.



This preview shows how white text looks on a background with the YUV color 135.1690, -6.4923, -17.6882.

-17.6882.

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

135.1690, -6.4923, -17.6882

Protanopia

138.9980, -10.3520, 7.0178

Deuteranopia

141.0360, -7.9057, 15.7544



Tritanopia

137.7900, 8.4845, -14.7248

Trichromacy



Original Color

135.1690, -6.4923, -17.6882

Protanomaly

137.2850, -9.0145, -2.0039

Deuteranomaly

139.0730, -7.4310, 3.4440

Tritanomaly

136.9980, 2.9590, -15.7842

Monochromacy



Original Color

135.1690, -6.4923, -17.6882

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2720, -2.5991, -6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1690, -6.4923, -17.6882 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(115, 148, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 148, 122)  
}
```

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(115, 148, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 148, 122) }
```

Border

The CSS property to change the border of an element to YUV 135.1690, -6.4923, -17.6882 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(115, 148, 122) }
```


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

```
.border{ border-color:rgb(115, 148, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 148, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 148, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 148, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 148,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 135.1690, -6.4923, -17.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 148, 122) }
```

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

```
.background{ background-color: rgb(115,  
148, 122) }
```

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