

Converting Colors

YUV(178.7280, -17.6139,
2.8695)

Have a look what the booklet for
YUV(178.7280, -17.6139, 2.8695)
contains.

YUV(178.7280, -17.6139, 2.8695)	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(178.7280, -17.6139,
2.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B88F
RGB	182, 184, 143
RGB Percent	71%, 72%, 56%
CMY	0.2863, 0.2784, 0.4392
CMYK	0.01, 0.00, 0.22, 0.28
HSL	63°, 22%, 64%
HSV	63°, 22%, 72%
XYZ	41.3898, 46.2092, 32.7244
YIQ	178.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

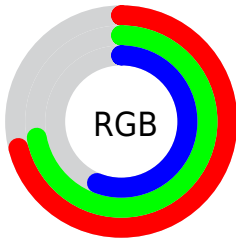
Format	Color
RYB	143, 184, 145
Decimal	11974799
CIELab	73.68, -7.57, 20.65
CIELCh	74, 21.999, 110.132
Yxy	46.2092, 0.3440, 0.3840
Android (android.graphics.Color)	4290164879 (0xFFB6B88F)
YUV	178.7280, -17.6139, 2.8695
Hunter-Lab	67.9774, -10.2760, 19.0419

Details

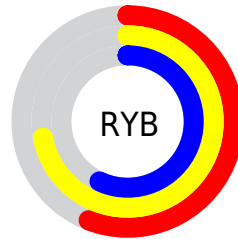
The YUV color $178.7280, -17.6139, 2.8695$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $148.2720, 17.6139, -2.8695$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.5000, -18.4875, 3.0695$, and $125.9560, -16.7403, 2.6696$ is the 20% darker color. If you saturate the color by 10%, you get $176.3770, -25.3289, 4.0544$, and if you desaturate by 10%, it is $181.0790, -9.8989, 1.6847$.

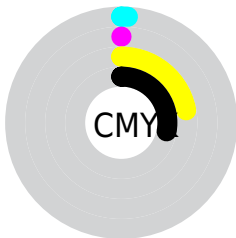
Distribution



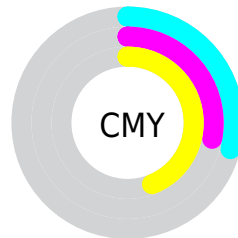
- Red (71%)
- Green (72%)
- Blue (56%)



- Red (56%)
- Yellow (72%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7280, -17.6139, 2.8695 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 178.7280, -17.6139, 2.8695 by changing the saturation by 10% instead.

■ 178.7280,
-17.6139, 2.8695

■ 178.7280,
-17.6139, 2.8695

255.0000, 0.0000,
0.0000

■ 151.8420,
-17.1771, 2.7696

■ 234.5000,
-18.4875, 3.0695

■ 125.9560,
-16.7403, 2.6696

■ 251.5800,
-13.1039, 2.9993

■ 100.8850,
-15.7193, 1.8549

254.8860, -0.4368,
0.1000

■ 76.9990, -15.2825,
1.7549

■ 53.8140, -14.6983,
1.0401

■ 31.8850, -15.7193,
1.8549

■ 10.2780, -5.0671,

-8.1368

0.0000, 0.0000,
0.0000

178.7280,
-17.6139, 2.8695

178.7280,
-17.6139, 2.8695

176.3770,
-25.3289, 4.0544

181.0790, -9.8989,
1.6847

173.9120,
-33.4806, 5.3392

183.5440, -1.7472,
0.3999

171.5610,
-41.1956, 6.5240

185.8950, 5.9678,
-0.7849

169.0960,
-49.3473, 7.8088

188.3600, 14.1195,
-2.0697

167.0440,
-57.2097, 9.6084

190.4120, 21.9819,
-3.8693

■ 164.6930,
-64.9246, 10.7932

■ 192.7630, 29.6968,
-5.0542

■ 162.2280,
-73.0764, 12.0780

■ 193.2900, 30.4230,
-4.6393

■ 160.3330,
-79.0442, 12.8630

■ 193.5890, 30.2756,
-4.0246

■ 193.8880, 30.1282,
-3.4098

Harmonies

Analogous

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



180.7840, -19.1205, 19.4834



178.7280, -17.6139, 2.8695



176.1540, -10.4289, -15.0441

Triad

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



178.7280, -17.6139, 2.8695



174.1550, 18.1646, -39.6009



184.4580, 2.2392, 28.5393

Complementary

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



178.7280, -17.6139, 2.8695



148.2720, 17.6139, -2.8695

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.



184.6610, 11.0131, 14.3293



178.7280, -17.6139, 2.8695



178.2260, 20.5946, -25.6312

Square

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



178.7280, -17.6139, 2.8695



172.4940, 10.6025, -40.7752



182.0760, 18.2035, -5.3287



183.8580, -7.8180, 34.3275

Rectangle

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



178.7280, -17.6139, 2.8695



174.2110, -3.5550, -26.4950



182.0760, 18.2035, -5.3287



184.5330, 5.1602, 24.9656

Sweetspot

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



178.7280, -17.6139, 2.8695



237.7630, -7.2782, 1.0848



155.8460, -6.3331, 24.6911



118.5610, -4.2206, 0.3850



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.



178.7280, -17.6139, 2.8695



231.6930, -27.9496, 4.6542



172.7480, -14.6658, -9.4260



90.6750, -3.7838, 0.2850



135.8240, -66.9612, 10.6784



24.5090, -12.0829, 2.1846

Inverse Universe

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



148.2720, 17.6139, -2.8695



183.3070, 27.9496, -4.6542



154.2520, 14.6658, 9.4260



84.0260, 3.9312, -0.8998



20.1760, 66.9612, -10.6784



3.4910, 12.0829, -2.1846

Previews

White Background



This preview shows how the YUV color 178.7280, -17.6139, 2.8695 looks on a white background.

Color Contrast Check

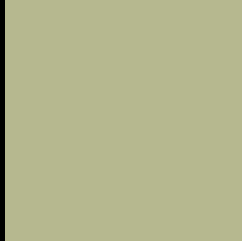
Large Text (above 18pt) WCAG AA × Fail

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 178.7280, -17.6139, 2.8695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

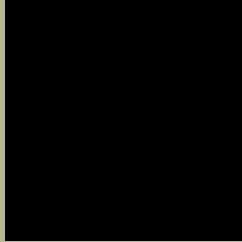
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

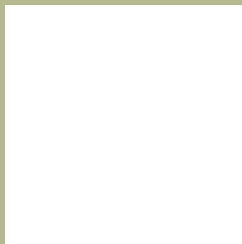
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.7280, -17.6139, 2.8695

Background



This preview shows how black text looks on a background with the YUV color 178.7280, -17.6139, 2.8695.



This preview shows how white text looks on a background with the YUV color 178.7280, -17.6139, 2.8695.

2.8695.

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

178.7280, -17.6139, 2.8695

Protanopia

180.0280, -19.2408, 11.3764

Deuteranopia

181.7570, -18.1212, 25.6461



Tritanopia

181.8850, 4.4937, 5.3629

Trichromacy



Original Color

178.7280, -17.6139, 2.8695

Protanomaly

179.5330, -18.5038, 8.3026

Deuteranomaly

180.7020, -18.0941, 16.9243

Tritanomaly

181.1100, -3.5052, 4.2885

Monochromacy



Original Color

178.7280, -17.6139, 2.8695

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7280, -17.6139, 2.8695 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(182, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 143)  
}
```

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(182, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 143) }
```

Border

The CSS property to change the border of an element to YUV 178.7280, -17.6139, 2.8695 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(182, 184, 143) }
```


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

```
.border{ border-color:rgb(182, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 178.7280, -17.6139, 2.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 143) }
```

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

```
.background{ background-color: rgb(182,  
184, 143) }
```

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