

Converting Colors

YUV(189.4400, -17.4719,
3.9991)

Have a look what the booklet for
YUV(189.4400, -17.4719, 3.9991)
contains.

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Color

**YUV(189.4400, -17.4719,
3.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C29A
RGB	194, 194, 154
RGB Percent	76%, 76%, 60%
CMY	0.2392, 0.2392, 0.3961
CMYK	0.00, 0.00, 0.21, 0.24
HSL	60°, 25%, 68%
HSV	60°, 21%, 76%
XYZ	47.3727, 52.3860, 38.1866
YIQ	189.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

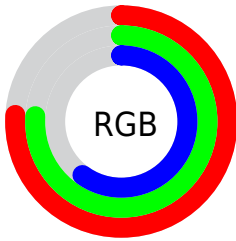
Format	Color
RYB	154, 194, 154
Decimal	12763802
CIELab	77.51, -6.64, 20.18
CIElCh	78, 21.247, 108.197
Yxy	52.3860, 0.3434, 0.3798
Android (android.graphics.Color)	4290953882 (0xFFC2C29A)
YUV	189.4400, -17.4719, 3.9991
Hunter-Lab	72.3782, -9.8307, 19.3835

Details

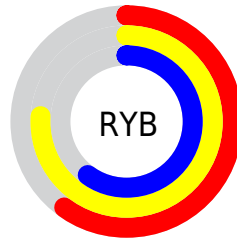
The YUV color **189.4400, -17.4719, 3.9991** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158.5600, 17.4719, -3.9991**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6250, -18.0561, 4.7139**, and **135.7820, -16.1615, 3.6992** is the 20% darker color. If you saturate the color by 10%, you get **187.2740, -25.7711, 5.8987**, and if you desaturate by 10%, it is **191.6060, -9.1728, 2.0995**.

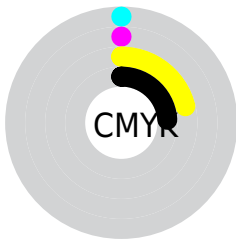
Distribution



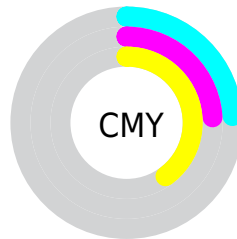
- Red (76%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4400, -17.4719, 3.9991 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 189.4400, -17.4719, 3.9991 by changing the saturation by 10% instead.

■ 189.4400,
-17.4719, 3.9991

■ 189.4400,
-17.4719, 3.9991

255.0000, 0.0000,
0.0000

■ 162.5540,
-17.0351, 3.8991

■ 245.6250,
-18.0561, 4.7139

■ 135.7820,
-16.1615, 3.6992

■ 252.9480, -7.8624,
1.7996

■ 110.4830,
-16.0141, 3.0844

■ 86.2980, -15.4299,
2.3697

■ 62.5260, -14.5563,
2.1697

■ 40.6400, -14.1195,
2.0697

■ 20.9540, -10.3303,

0.0403

■ 0.0000, 0.0000,
0.0000

■ 189.4400,
-17.4719, 3.9991

■ 189.4400,
-17.4719, 3.9991

■ 187.2740,
-25.7711, 5.8987

■ 191.6060, -9.1728,
2.0995

■ 184.9940,
-34.5070, 7.8983

■ 193.8860, -0.4368,
0.1000

■ 182.8280,
-42.8062, 9.7978

■ 196.0520, 7.8624,
-1.7996

■ 180.5480,
-51.5422, 11.7974

■ 198.3320, 16.5983,
-3.7992

■ 178.3820,
-59.8413, 13.6970

■ 200.4980, 24.8975,
-5.6987

■ 176.2160,
-68.1405, 15.5966

■ 200.9540, 26.6447,
-6.0987

■ 173.9360,
-76.8764, 17.5961

■ 171.8840,
-84.7388, 19.3957

Harmonies

Analogous

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



191.7840, -19.1205, 19.4834



189.4400, -17.4719, 3.9991



186.7520, -10.7237, -13.8145

Triad

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



189.4400, -17.4719, 3.9991



184.6390, 17.4330, -38.2714



194.8600, 2.5340, 27.3098

Complementary

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



189.4400, -17.4719, 3.9991



158.5600, 17.4719, -3.9991

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.



194.7640, 11.4553, 12.4850



189.4400, -17.4719, 3.9991



188.8130, 20.3052, -26.1460

Square

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



189.4400, -17.4719, 3.9991



183.8640, 9.4340, -39.3457



192.3640, 18.0615, -6.4582



194.6730, -7.2338, 33.6128

Rectangle

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



189.4400, -17.4719, 3.9991



185.5810, -4.7234, -25.0655



192.3640, 18.0615, -6.4582



195.0490, 5.8918, 23.6360

Sweetspot

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



189.4400, -17.4719, 3.9991



250.2900, -6.5520, 1.4997



165.9600, -5.8963, 24.5911



126.9740, -3.9312, 0.8998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



189.4400, -17.4719, 3.9991



244.8180, -27.5183, 6.2986



183.4600, -14.5238, -8.2964



95.8600, -4.3680, 0.9998



142.6460, -70.3245, 16.0965



29.2380, -14.4143, 3.2993

Inverse Universe

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



158.5600, 17.4719, -3.9991



196.1820, 27.5183, -6.2986



164.5400, 14.5238, 8.2964



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Previews

White Background



This preview shows how the YUV color 189.4400, -17.4719, 3.9991 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 189.4400, -17.4719, 3.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

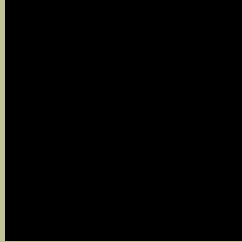
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

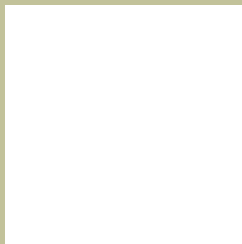
Any Text WCAG AAA ✓ Pass

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

YUV 189.4400, -17.4719, 3.9991 Background



This preview shows how black text looks on a background with the YUV color 189.4400, -17.4719, 3.9991.



This preview shows how white text looks on a background with the YUV color 189.4400, -17.4719, 3.9991.

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

189.4400, -17.4719, 3.9991

Protanopia

190.2560, -18.3672, 11.1765

Deuteranopia

192.1700, -17.8318, 26.1609



Tritanopia

192.5970, 4.6357, 6.4924

Trichromacy



Original Color

189.4400, -17.4719, 3.9991

Protanomaly

189.9460, -18.2144, 8.8174

Deuteranomaly

191.4140, -17.9521, 18.0539

Tritanomaly

191.8220, -3.3632, 5.4181

Monochromacy



Original Color

189.4400, -17.4719, 3.9991

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2900, -6.5520, 1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4400, -17.4719, 3.9991 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(194, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 154)  
}
```

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(194, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 154) }
```

Border

The CSS property to change the border of an element to YUV 189.4400, -17.4719, 3.9991 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(194, 194, 154) }
```


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

```
.border{ border-color:rgb(194, 194, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 189.4400, -17.4719, 3.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 154) }
```

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

```
.background{ background-color: rgb(194,  
194, 154) }
```

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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