

Converting Colors

YUV(199.3370, -17.9141,
5.8435)

Have a look what the booklet for
YUV(199.3370, -17.9141, 5.8435)
contains.

YUV(199.3370, -17.9141, 5.8435)	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(199.3370, -17.9141,
5.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	CECBA3
RGB	206, 203, 163
RGB Percent	81%, 80%, 64%
CMY	0.1922, 0.2039, 0.3608
CMYK	0.00, 0.01, 0.21, 0.19
HSL	56°, 30%, 72%
HSV	56°, 21%, 81%
XYZ	53.4204, 58.4780, 43.1222
YIQ	199.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

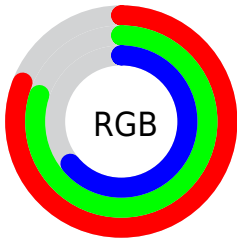
Format	Color
RYB	166, 206, 163
Decimal	13552547
CIELab	81.00, -5.49, 20.37
CIELCh	81, 21.101, 105.083
Yxy	58.4780, 0.3446, 0.3772
Android (android.graphics.Color)	4291742627 (0xFFCECBA3)
YUV	199.3370, -17.9141, 5.8435
Hunter-Lab	76.4709, -9.1291, 20.0959

Details

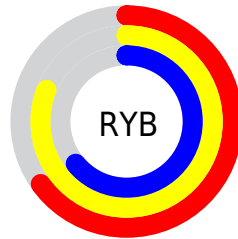
The YUV color $199.3370, -17.9141, 5.8435$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $169.6630, 17.9141, -5.8435$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, -16.1615, 3.6992$, and $145.2660, -16.8931, 5.0287$ is the 20% darker color. If you saturate the color by 10%, you get $196.3560, -26.7975, 8.4578$, and if you desaturate by 10%, it is $202.3180, -9.0308, 3.2291$.

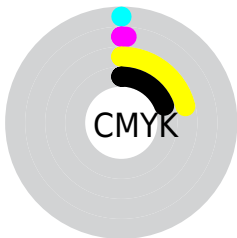
Distribution



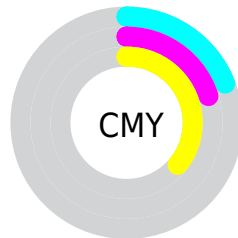
- Red (81%)
- Green (80%)
- Blue (64%)



- Red (65%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3370, -17.9141, 5.8435 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 199.3370, -17.9141, 5.8435 by changing the saturation by 10% instead.

■ 199.3370,
-17.9141, 5.8435

■ 199.3370,
-17.9141, 5.8435

■ 255.0000, 0.0000,
0.0000

■ 172.1520,
-17.3299, 5.1287

■ 250.7820,
-16.1615, 3.6992

■ 145.2660,
-16.8931, 5.0287

■ 254.0880, -3.4944,
0.7998

■ 119.4940,
-16.0195, 4.8288

■ 94.6080, -15.5827,
4.7288

■ 71.1240, -14.8511,
3.3993

■ 48.2380, -14.4143,
3.2993

■ 27.7650, -13.6881,

3.7141

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 199.3370,
-17.9141, 5.8435

■ 199.3370,
-17.9141, 5.8435

■ 196.3560,
-26.7975, 8.4578

■ 202.3180, -9.0308,
3.2291

■ 192.9020,
-34.9547, 11.4869

■ 205.7720, -0.8736,
0.2000

■ 189.9210,
-43.8381, 14.1013

■ 208.7530, 8.0098,
-2.4144

■ 186.4670,
-51.9952, 17.1304

■ 212.2070, 16.1669,
-5.4435

■ 183.4860,
-60.8786, 19.7448

■ 213.9340, 20.2455,
-6.9581

■ 179.9180,
-69.4726, 22.8739

■ 215.1080, 19.6668,
-7.9877

■ 177.0510,
-77.9191, 25.3883

■ 215.6950, 19.3774,
-8.5025

■ 174.2980,
-85.9289, 27.8027

■ 216.2820, 19.0880,
-9.0173

■ 217.4560, 18.5092,
-10.0469

Harmonies

Analogous

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



201.2080, -18.8365, 21.7426



199.3370, -17.9141, 5.8435



196.5350, -11.6028, -11.8702

Triad

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



199.3370, -17.9141, 5.8435



194.6990, 16.4174, -39.2010



204.7890, 3.5550, 26.4950

Complementary

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



199.3370, -17.9141, 5.8435



169.6630, 17.9141, -5.8435

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.



204.2800, 12.1870, 11.1554



199.3370, -17.9141, 5.8435



198.1010, 20.1632, -27.2756

Square

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



199.3370, -17.9141, 5.8435



193.6360, 8.5605, -39.1458



201.4670, 18.5038, -8.3026



204.0150, -5.9234, 33.3128

Rectangle

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



199.3370, -17.9141, 5.8435



195.3640, -5.6025, -23.1212



201.4670, 18.5038, -8.3026



204.5650, 6.6235, 22.3065

Sweetspot

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



199.3370, -17.9141, 5.8435



252.7030, -6.2626, 2.0145



176.3130, -4.5913, 26.0355



126.3870, -3.6418, 1.4146



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.



199.3370, -17.9141, 5.8435



245.3560, -26.7975, 8.4578



195.7160, -16.1290, -6.7669



100.2730, -4.0786, 1.5146



140.0320, -69.0358, 22.7739



32.4940, -16.0195, 4.8288

Inverse Universe

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



169.6630, 17.9141, -5.8435



201.2310, 26.5081, -8.9726



173.2840, 16.1290, 6.7669



93.7270, 4.0786, -1.5146



25.9680, 69.0358, -22.7739



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 199.3370, -17.9141, 5.8435 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 199.3370, -17.9141, 5.8435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

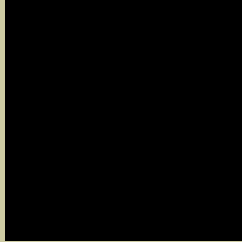
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

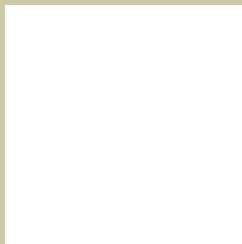
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.3370, -17.9141, 5.8435

Background



This preview shows how black text looks on a background with the YUV color 199.3370, -17.9141, 5.8435.



This preview shows how white text looks on a background with the YUV color 199.3370, -17.9141, 5.8435.

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

199.3370, -17.9141, 5.8435

Protanopia

200.1420, -18.8040, 11.2765

Deuteranopia

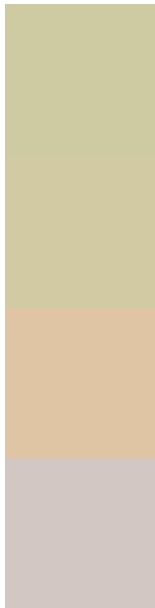
201.7680, -18.1266, 27.3905



Tritanopia

202.6080, 4.6303, 8.2368

Trichromacy



Original Color

199.3370, -17.9141, 5.8435

Protanomaly

199.8320, -18.6512, 8.9173

Deuteranomaly

201.0120, -18.2469, 19.2835

Tritanomaly

201.7190, -3.8055, 7.2624

Monochromacy



Original Color

199.3370, -17.9141, 5.8435

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3370, -17.9141, 5.8435 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(206, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 163)  
}
```

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(206, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 163) }
```

Border

The CSS property to change the border of an element to YUV 199.3370, -17.9141, 5.8435 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(206, 203, 163) }
```


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

```
.border{ border-color:rgb(206, 203, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 199.3370, -17.9141, 5.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 163) }
```

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

```
.background{ background-color: rgb(206,  
203, 163) }
```

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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