

Converting Colors

YUV(199.5680, -4.7170,
19.6729)

Have a look what the booklet for
YUV(199.5680, -4.7170, 19.6729)
contains.

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Color

**YUV(199.5680, -4.7170,
19.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBEBE
RGB	222, 190, 190
RGB Percent	87%, 75%, 75%
CMY	0.1294, 0.2549, 0.2549
CMYK	0.00, 0.14, 0.14, 0.13
HSL	0°, 33%, 81%
HSV	0°, 14%, 87%
XYZ	57.8319, 56.0742, 56.4905
YIQ	199.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

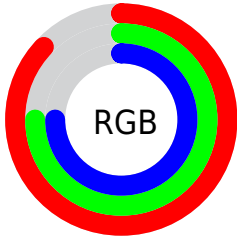
Format	Color
R _Y B	222, 190, 190
Decimal	14597822
CIE Lab	79.66, 11.38, 4.22
CIE LCh	80, 12.134, 20.337
Yxy	56.0742, 0.3394, 0.3291
Android (android.graphics.Color)	4292787902 (0xFFDEBEBE)
YUV	199.5680, -4.7170, 19.6729
Hunter-Lab	74.8827, 6.8108, 7.6903




Details

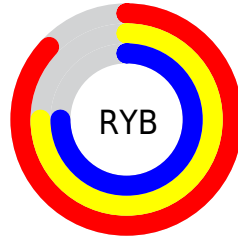
The YUV color $199.5680, -4.7170, 19.6729$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $212.4320, 4.7170, -19.6729$, and the grayscale version is $200.0000, 0.0000, 0.0000$.




A 20% lighter version of the original color is $248.6910, -1.3267, 5.5330$, and $145.9700, -4.4222, 18.4433$ is the 20% darker color. If you saturate the color by 10%, you get $184.1460, -7.9600, 33.1980$, and if you desaturate by 10%, it is $214.9900, -1.4741, 6.1478$.

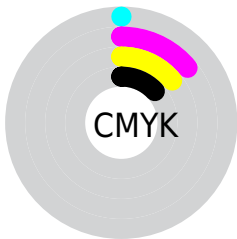
Distribution







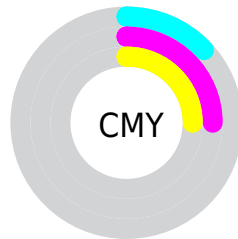
-  Red (87%)
-  Green (75%)
-  Blue (75%)






-  Red (87%)
-  Yellow (75%)
-  Blue (75%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (14%)
-  Black (13%)



-  Cyan (13%)
-  Magenta (25%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5680, -4.7170, 19.6729 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 199.5680, -4.7170, 19.6729 by changing the saturation by 10% instead.

■ 199.5680, -4.7170,
19.6729

■ 199.5680, -4.7170,
19.6729

255.0000, 0.0000,
0.0000

■ 172.2690, -4.5696,
19.0581

■ 248.6910, -1.3267,
5.5330

■ 145.9700, -4.4222,
18.4433

■ 119.6710, -4.2748,
17.8285

■ 95.0730, -3.9800,
16.5990

■ 70.8880, -3.3958,
15.8842

■ 48.2900, -3.1010,
14.6547

■ 27.5780, -3.2430,

13.5251

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 199.5680, -4.7170,
19.6729

■ 199.5680, -4.7170,
19.6729

■ 184.1460, -7.9600,
33.1980

■ 214.9900, -1.4741,
6.1478

■ 168.7240,
-11.2029, 46.7231

■ 230.4120, 1.7689,
-7.3773

■ 152.6010,
-14.5933, 60.8629

■ 245.1330, 4.8644,
-20.2876

■ 137.1790,
-17.8362, 74.3880

■ 121.7570,
-21.0792, 87.9131

■ 106.3350,
-24.3222, 101.4382

■ 90.9130, -27.5651,
114.9633

■ 74.7900, -30.9555,
129.1032

■ 66.3780, -32.7244,
136.4805

Harmonies

Analogous

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



199.7400, 1.1142, 16.0140



199.5680, -4.7170, 19.6729



198.7050, -9.2216, 17.7987

Triad

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



199.5680, -4.7170, 19.6729



194.7510, -5.7932, -8.5516



195.8980, 11.3893, -13.0655

Complementary

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



199.5680, -4.7170, 19.6729



212.4320, 4.7170, -19.6729

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.



194.3980, 9.6638, -19.6430



199.5680, -4.7170, 19.6729



193.7760, -0.3826, -17.3436

Square

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



199.5680, -4.7170, 19.6729



196.0790, -9.8989, 1.6847



193.6490, 5.5960, -21.6172



198.2090, 9.7570, -2.8143

Rectangle

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



199.5680, -4.7170, 19.6729



197.9280, -10.8105, 14.0951



193.6490, 5.5960, -21.6172



195.7620, 10.9633, -16.4543

Sweetspot

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



199.5680, -4.7170, 19.6729



247.9900, -1.4741, 6.1478



203.2160, 9.2605, 16.4736



123.0930, -1.0318, 4.3034



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.



199.5680, -4.7170, 19.6729



224.8570, -6.3385, 26.4354



208.9600, -9.3473, 11.4361



104.2890, -1.6215, 6.7625



52.6240, -25.9436, 108.2008



14.3520, -7.0755, 29.5093

Inverse Universe

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



212.4320, 4.7170, -19.6729



242.1430, 6.3385, -26.4354



203.0400, 9.3473, -11.4361



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Previews

White Background



This preview shows how the YUV color 199.5680, -4.7170, 19.6729 looks on a white background.

Color Contrast Check

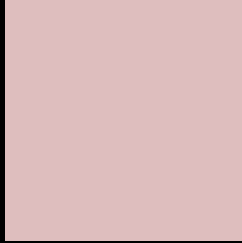
Large Text (above 18pt) WCAG AA × Fail

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 199.5680, -4.7170, 19.6729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

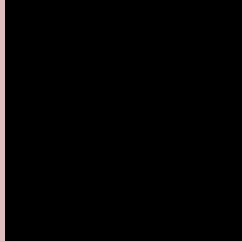
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.5680, -4.7170, 19.6729

Background



This preview shows how black text looks on a background with the YUV color 199.5680, -4.7170, 19.6729.



This preview shows how white text looks on a background with the YUV color 199.5680, -4.7170,

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

199.5680, -4.7170, 19.6729

Protanopia

198.1530, -2.0474, 3.3738

Deuteranopia

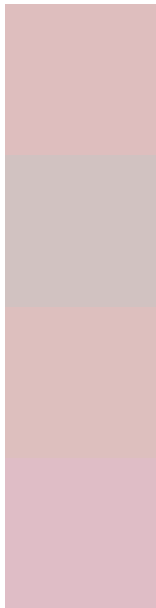
199.5570, -4.7116, 17.9285



Tritanopia

200.4740, 1.2453, 20.6323

Trichromacy



Original Color

199.5680, -4.7170, 19.6729

Protanomaly

198.3710, -2.6479, 9.3216

Deuteranomaly

199.8560, -4.8590, 18.5433

Tritanomaly

200.1920, -1.0807, 20.0026

Monochromacy



Original Color

199.5680, -4.7170, 19.6729

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5880, -1.7689, 7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5680, -4.7170, 19.6729 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(222, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 190, 190)  
}
```

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(222, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 190) }
```

Border

The CSS property to change the border of an element to YUV 199.5680, -4.7170, 19.6729 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(222, 190, 190) }
```


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

```
.border{ border-color:rgb(222, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(222, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 199.5680, -4.7170, 19.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 190, 190) }
```

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

```
.background{ background-color: rgb(222,  
190, 190) }
```

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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