

Converting Colors

YUV(191.7590, -4.3182,
31.7834)

Have a look what the booklet for
YUV(191.7590, -4.3182, 31.7834)
contains.

YUV(191.7590, -4.3182, 31.7834)	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(191.7590, -4.3182,
31.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AFB7
RGB	228, 175, 183
RGB Percent	89%, 69%, 72%
CMY	0.1059, 0.3137, 0.2824
CMYK	0.00, 0.23, 0.20, 0.11
HSL	351°, 50%, 79%
HSV	351°, 23%, 89%
XYZ	55.8721, 50.5728, 51.6165
YIQ	191.7590, 29.0200, 13.7240

Conversions

Conversions Part 2

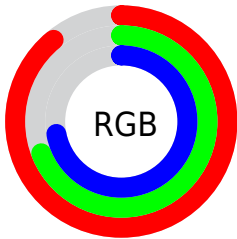
Format	Color
R _Y B	228, 175, 183
Decimal	14987191
CIE Lab	76.42, 20.49, 3.40
CIE LCh	76, 20.767, 9.419
Yxy	50.5728, 0.3535, 0.3200
Android (android.graphics.Color)	4293177271 (0xFFE4AFB7)
YUV	191.7590, -4.3182, 31.7834
Hunter-Lab	71.1146, 15.7904, 6.7462

Details

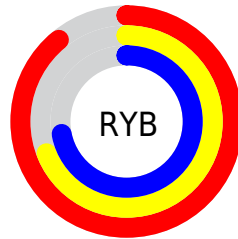
The YUV color $191.7590, -4.3182, 31.7834$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $211.2410, 4.3182, -31.7834$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.0880, -0.0434, 13.9548$, and $137.8620, -3.8760, 29.9390$ is the 20% darker color. If you saturate the color by 10%, you get $176.0920, -5.9614, 45.5233$, and if you desaturate by 10%, it is $207.4260, -2.6750, 18.0434$.

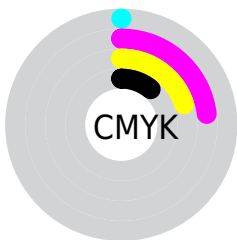
Distribution



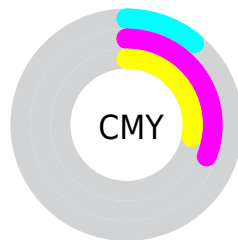
- Red (89%)
- Green (69%)
- Blue (72%)



- Red (89%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7590, -4.3182, 31.7834 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 191.7590, -4.3182, 31.7834 by changing the saturation by 10% instead.

■ 191.7590, -4.3182,
31.7834

■ 191.7590, -4.3182,
31.7834

255.0000, 0.0000,
0.0000

■ 164.4600, -4.1708,
31.1686

■ 239.0880, -0.0434,
13.9548

■ 137.8620, -3.8760,
29.9390

■ 112.2640, -3.5812,
28.7095

■ 87.3670, -3.1389,
26.8651

■ 63.7690, -2.8441,
25.6356

■ 40.9860, -1.9651,
23.6913

■ 18.6870, -1.8177,

23.0765

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 191.7590, -4.3182,
31.7834

■ 191.7590, -4.3182,
31.7834

■ 176.0920, -5.9614,
45.5233

■ 207.4260, -2.6750,
18.0434

■ 160.3110, -8.0413,
59.3633

■ 223.2070, -0.5951,
4.2035

■ 145.2310, -9.9739,
72.5884

■ 238.2870, 1.3375,
-9.0217

■ 129.5640,
-11.6171, 86.3284

■ 246.9270, 3.9800,
-16.5990

■ 113.7830,
-13.6970, 100.1683

■ 98.1160, -15.3402,
113.9083

■ 82.3350, -17.4202,
127.7482

■ 72.0480, -18.7577,
136.7699

Harmonies

Analogous

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



192.4080, 4.7289, 23.3212



191.7590, -4.3182, 31.7834



190.2830, -12.4645, 31.3238

Triad

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



191.7590, -4.3182, 31.7834



184.9160, -12.7766, -8.6963



184.5630, 19.4424, -29.4348

Complementary

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



191.7590, -4.3182, 31.7834



211.2410, 4.3182, -31.7834

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.



181.3570, 15.1070, -38.9011



191.7590, -4.3182, 31.7834



182.1080, -3.9972, -24.6507

Square

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



191.7590, -4.3182, 31.7834



187.0600, -17.7776, 8.7174



181.0770, 6.3710, -36.9015



188.1460, 18.6620, -12.4060

Rectangle

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



191.7590, -4.3182, 31.7834



189.8110, -16.6688, 26.4758



181.0770, 6.3710, -36.9015



183.6010, 18.4377, -33.8531

Sweetspot

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



191.7590, -4.3182, 31.7834



242.7240, -1.3429, 10.7661



194.1980, 16.6644, 21.7514



120.5170, -0.7479, 6.5626



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.



191.7590, -4.3182, 31.7834



206.3690, -6.0979, 42.6494



201.4130, -13.0216, 23.3168



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Inverse Universe

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



191.7590, -4.3182, 31.7834



206.3690, -6.0979, 42.6494



201.5870, 13.0216, -23.3168



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 191.7590, -4.3182, 31.7834 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 191.7590, -4.3182, 31.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

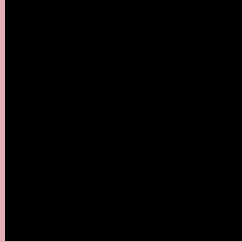
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.7590, -4.3182, 31.7834

Background



This preview shows how black text looks on a background with the YUV color 191.7590, -4.3182, 31.7834.



This preview shows how white text looks on a background with the YUV color 191.7590, -4.3182,

31.7834.

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

191.7590, -4.3182, 31.7834

Protanopia

189.4240, 0.2840, 2.2592

Deuteranopia

190.3720, -4.1274, 17.2138



Tritanopia

192.0410, -1.9922, 32.4130

Trichromacy



Original Color

191.7590, -4.3182, 31.7834

Protanomaly

190.0340, -1.4958, 13.1252

Deuteranomaly

190.7040, -4.2911, 23.0616

Tritanomaly

191.8130, -2.8658, 32.6130

Monochromacy



Original Color

191.7590, -4.3182, 31.7834

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0230, -1.4903, 11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7590, -4.3182, 31.7834 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(228, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(228, 175, 183)  
}
```

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(228, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 175, 183) }
```

Border

The CSS property to change the border of an element to YUV 191.7590, -4.3182, 31.7834 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(228, 175, 183) }
```


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

```
.border{ border-color:rgb(228, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(228, 175,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 191.7590, -4.3182, 31.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 175, 183) }
```

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

```
.background{ background-color: rgb(228,  
175, 183) }
```

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