

Converting Colors

YUV(193.6800, -34.8452,
23.0826)

Have a look what the booklet for
YUV(193.6800, -34.8452, 23.0826)
contains.

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Color

**YUV(193.6800, -34.8452,
23.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC27B
RGB	220, 194, 123
RGB Percent	86%, 76%, 48%
CMY	0.1373, 0.2392, 0.5176
CMYK	0.00, 0.12, 0.44, 0.14
HSL	44°, 58%, 67%
HSV	44°, 44%, 86%
XYZ	52.3821, 55.2293, 26.6384
YIQ	193.6800, 38.2870, -16.5690

Conversions

Conversions Part 2

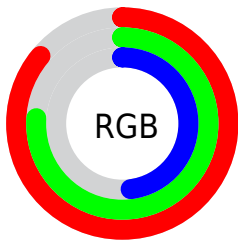
Format	Color
R _Y B	159, 220, 123
Decimal	14467707
CIE Lab	79.17, -0.29, 39.00
CIE LCh	79, 39.006, 90.427
Yxy	55.2293, 0.3902, 0.4114
Android (android.graphics.Color)	4292657787 (0xFFDCC27B)
YUV	193.6800, -34.8452, 23.0826
Hunter-Lab	74.3164, -4.2374, 30.7693

Details

The YUV color $193.6800, -34.8452, 23.0826$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $149.3200, 34.8452, -23.0826$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0590, -33.0601, 10.4723$, and $139.8260, -32.9452, 20.3236$ is the 20% darker color. If you saturate the color by 10%, you get $187.6500, -42.7185, 28.3709$, and if you desaturate by 10%, it is $199.7100, -26.9720, 17.7943$.

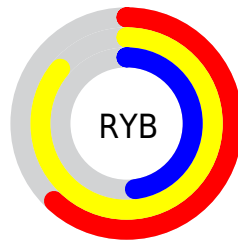
Distribution



Red (86%)

Green (76%)

Blue (48%)



Red (62%)

Yellow (86%)

Blue (48%)

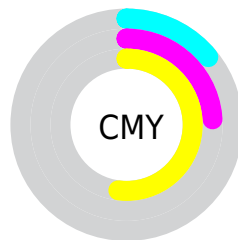


Cyan (0%)

Magenta (12%)

Yellow (44%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6800, -34.8452, 23.0826 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 193.6800, -34.8452, 23.0826 by changing the saturation by 10% instead.

■ 193.6800,
-34.8452, 23.0826

■ 193.6800,
-34.8452, 23.0826

255.0000, 0.0000,
0.0000

■ 166.1960,
-34.1136, 21.7531

■ 243.0590,
-33.0601, 10.4723

■ 139.8260,
-32.9452, 20.3236

■ 249.1860,
-22.2767, 5.0989

■ 113.6410,
-32.3610, 19.6088

■ 252.4920, -9.6096,
2.1995

■ 88.7440, -31.9188,
17.7645

■ 64.7330, -31.9134,
16.0202

■ 43.7570, -21.5722,
12.4911

■ 24.5420, -12.0992,

7.4177

■ 0.0000, 0.0000,
0.0000

■ 193.6800,
-34.8452, 23.0826

■ 193.6800,
-34.8452, 23.0826

■ 187.6500,
-42.7185, 28.3709

■ 199.7100,
-26.9720, 17.7943

■ 181.6200,
-50.5917, 33.6593

■ 205.7400,
-19.0988, 12.5060

■ 175.5900,
-58.4649, 38.9476

■ 211.7700,
-11.2256, 7.2177

■ 169.5600,
-66.3381, 44.2359

■ 217.8000, -3.3524,
1.9294

■ 164.1170,
-74.5007, 49.0094

■ 223.2430, 4.8102,
-2.8441

■ 160.2870,
-79.0215, 52.3683

■ 229.2730, 12.6834,
-8.1324

■ 232.7950, 10.9471,
-11.2212

■ 236.3170, 9.2107,
-14.3100

■ 239.8390, 7.4744,
-17.3988

Harmonies

Analogous

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



196.2730, -30.7006, 47.1186



193.6800, -34.8452, 23.0826



189.8010, -28.4959, -6.8415

Triad

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



193.6800, -34.8452, 23.0826



170.5930, 30.2737, -96.9901



201.0580, 15.7474, 35.9061

Complementary

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



193.6800, -34.8452, 23.0826



149.3200, 34.8452, -23.0826

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.



198.3510, 27.9280, 2.3232



193.6800, -34.8452, 23.0826



178.0650, 37.9290, -78.9870

Square

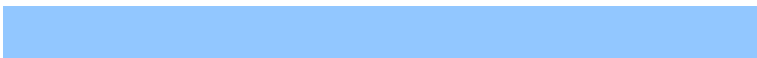
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193.6800, -34.8452, 23.0826



176.8290, 8.9583, -73.5180



189.5370, 32.2733, -38.1819



197.3190, -0.1573, 50.5862

Rectangle

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



193.6800, -34.8452, 23.0826



186.3020, -18.3899, -28.3289



189.5370, 32.2733, -38.1819



201.2570, 20.5793, 26.0846

Sweetspot

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



193.6800, -34.8452, 23.0826



245.9550, -11.8098, 7.9325



155.0810, -2.5049, 56.9340



122.0840, -7.4364, 5.1883



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.



193.6800, -34.8452, 23.0826



218.4780, -48.5497, 32.0298



202.6630, -39.2739, -3.2125



106.9850, -3.9366, 2.6442



126.2760, -62.2541, 40.9769



33.7120, -16.6200, 10.7766

Inverse Universe

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



149.3200, 34.8452, -23.0826



156.5220, 48.5497, -32.0298



140.3370, 39.2739, 3.2125



102.0150, 3.9366, -2.6442



46.7240, 62.2541, -40.9769



12.2880, 16.6200, -10.7766

Previews

White Background



This preview shows how the YUV color 193.6800, -34.8452, 23.0826 looks on a white background.

Color Contrast Check

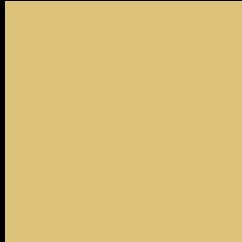
Large Text (above 18pt) WCAG AA × Fail

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 193.6800, -34.8452, 23.0826 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 193.6800, -34.8452, 23.0826

Background



This preview shows how black text looks on a background with the YUV color 193.6800, -34.8452, 23.0826.



This preview shows how white text looks on a background with the YUV color 193.6800, -34.8452, 23.0826.

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

193.6800, -34.8452, 23.0826

Protanopia

193.1740, -34.1028, 18.2644

Deuteranopia

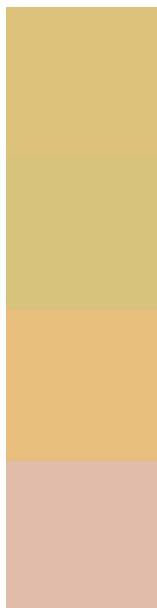
194.7680, -34.8886, 37.0375



Tritanopia

199.4530, -0.2233, 25.0357

Trichromacy



Original Color

193.6800, -34.8452, 23.0826

Protanomaly

193.1850, -34.1082, 20.0088

Deuteranomaly

194.7350, -34.8724, 31.8044

Tritanomaly

197.1250, -12.8796, 24.4464

Monochromacy



Original Color

193.6800, -34.8452, 23.0826

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.7270, -12.6834, 8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6800, -34.8452, 23.0826 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(220, 194, 123)` looks like.

```
.text, #text, p{  
    color:rgb(220, 194, 123)  
}
```

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(220, 194, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 194, 123) }
```

Border

The CSS property to change the border of an element to YUV 193.6800, -34.8452, 23.0826 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(220, 194, 123) }
```


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

```
.border{ border-color:rgb(220, 194, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 194, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 194, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 194, 123); box-shadow:4px 4px 4px 4px rgb(220, 194, 123) }
```

Background

The CSS property to change the background color of an element to YUV 193.6800, -34.8452, 23.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 194, 123) }
```

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

```
.background{ background-color: rgb(220,  
194, 123) }
```

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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