

Converting Colors

YUV(193.8580, -31.4820,
17.6645)

Have a look what the booklet for
YUV(193.8580, -31.4820, 17.6645)
contains.

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Color

**YUV(193.8580, -31.4820,
17.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C482
RGB	214, 196, 130
RGB Percent	84%, 77%, 51%
CMY	0.1608, 0.2314, 0.4902
CMYK	0.00, 0.08, 0.39, 0.16
HSL	47°, 51%, 67%
HSV	47°, 39%, 84%
XYZ	51.5007, 55.3877, 29.0956
YIQ	193.8580, 31.9140, -16.7100

Conversions

Conversions Part 2

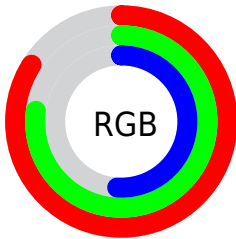
Format	Color
RYB	153, 214, 130
Decimal	14075010
CIELab	79.26, -3.00, 35.43
CIElCh	79, 35.554, 94.832
Yxy	55.3877, 0.3787, 0.4073
Android (android.graphics.Color)	4292265090 (0xFFD6C482)
YUV	193.8580, -31.4820, 17.6645
Hunter-Lab	74.4229, -6.7179, 28.9166

Details

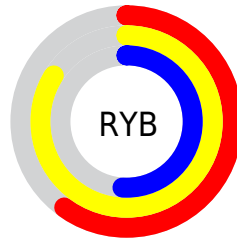
The YUV color **193.8580, -31.4820, 17.6645** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150.1420, 31.4820, -17.6645**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1450, -30.1445, 8.6428**, and **139.6020, -29.8768, 16.1350** is the 20% darker color. If you saturate the color by 10%, you get **188.5290, -39.2078, 22.3381**, and if you desaturate by 10%, it is **199.1870, -23.7562, 12.9910**.

Distribution



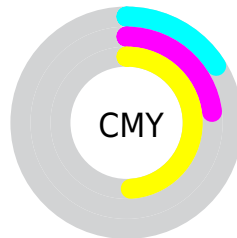
- Red (84%)
- Green (77%)
- Blue (51%)



- Red (60%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8580, -31.4820, 17.6645 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 193.8580, -31.4820, 17.6645 by changing the saturation by 10% instead.

■ 193.8580,
-31.4820, 17.6645

■ 193.8580,
-31.4820, 17.6645

255.0000, 0.0000,
0.0000

■ 166.6730,
-30.8978, 16.9498

■ 245.1450,
-30.1445, 8.6428

■ 139.6020,
-29.8768, 16.1350

■ 250.0980,
-18.7823, 4.2991

■ 114.1180,
-29.1452, 14.8055

■ 253.2900, -6.5520,
1.4997

■ 89.0470, -28.1242,
13.9908

■ 64.9220, -28.5555,
12.3464

■ 44.0340, -21.7088,
9.6172

■ 24.5310, -12.0938,

5.6733

■ 0.0000, 0.0000,
0.0000

■ 193.8580,
-31.4820, 17.6645

■ 193.8580,
-31.4820, 17.6645

■ 188.5290,
-39.2078, 22.3381

■ 199.1870,
-23.7562, 12.9910

■ 183.6730,
-47.6598, 26.5968

■ 204.0430,
-15.3042, 8.7323

■ 178.3440,
-55.3856, 31.2703

■ 209.3720, -7.5784,
4.0588

■ 173.4880,
-63.8376, 35.5290

■ 214.2280, 0.8736,
-0.2000

■ 168.1590,
-71.5634, 40.2026

■ 219.5570, 8.5994,
-4.8735

■ 162.8300,
-79.2892, 44.8761

■ 224.5440, 15.0148,
-9.2471

■ 162.6020,
-80.1628, 45.0760

■ 226.8920, 13.8572,
-11.3063

■ 229.8270, 12.4103,
-13.8803

■ 232.1750, 11.2527,
-15.9395

Harmonies

Analogous

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



196.8700, -29.5159, 40.4560



193.8580, -31.4820, 17.6645



190.2180, -24.2645, -10.7152

Triad

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



193.8580, -31.4820, 17.6645



176.7090, 27.7515, -81.3058



201.6190, 11.5268, 36.2911

Complementary

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



193.8580, -31.4820, 17.6645



150.1420, 31.4820, -17.6645

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.



199.9880, 25.1489, 7.0265



193.8580, -31.4820, 17.6645



183.7680, 35.1174, -63.8175

Square

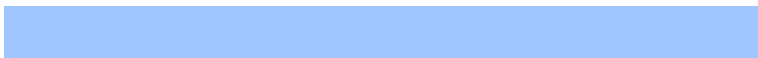
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193.8580, -31.4820, 17.6645



179.6170, 10.5418, -68.0701



193.1360, 30.4990, -29.0603



198.5100, -3.2094, 49.5417

Rectangle

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



193.8580, -31.4820, 17.6645



186.6160, -14.6007, -30.3582



193.1360, 30.4990, -29.0603



201.5300, 16.5007, 27.5992

Sweetspot

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



193.8580, -31.4820, 17.6645



247.3570, -11.5150, 6.7029



157.1680, -4.5198, 49.8417



123.6000, -6.7048, 3.8588



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.



193.8580, -31.4820, 17.6645



226.0580, -44.8916, 25.3821



197.2480, -33.1533, -6.3565



104.5720, -4.2260, 2.1294



129.7870, -63.9850, 36.1438



32.8150, -16.1778, 8.9322

Inverse Universe

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



150.1420, 31.4820, -17.6645



163.9420, 44.8916, -25.3821



146.7520, 33.1533, 6.3565



99.0150, 3.9366, -2.6442



41.2130, 63.9850, -36.1438



10.1850, 16.1778, -8.9322

Previews

White Background



This preview shows how the YUV color 193.8580, -31.4820, 17.6645 looks on a white background.

Color Contrast Check

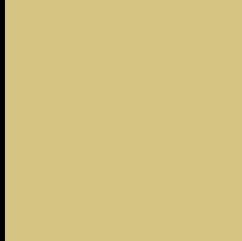
Large Text (above 18pt) WCAG AA × Fail

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 193.8580, -31.4820, 17.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

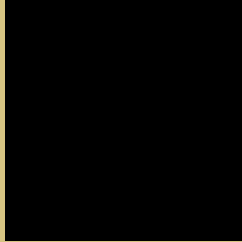
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8580, -31.4820, 17.6645

Background



This preview shows how black text looks on a background with the YUV color 193.8580, -31.4820, 17.6645.



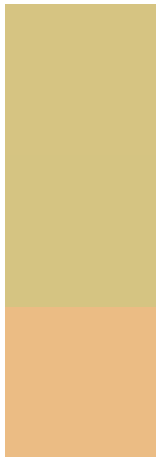
This preview shows how white text looks on a background with the YUV color 193.8580, -31.4820, 17.6645.

17.6645.

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

193.8580, -31.4820, 17.6645

Protanopia

193.5590, -31.3346, 17.0498

Deuteranopia

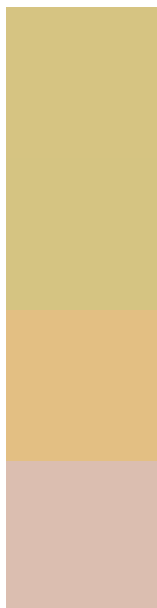
195.6690, -31.3888, 34.4933



Tritanopia

199.1750, 1.3927, 20.0175

Trichromacy



Original Color

193.8580, -31.4820, 17.6645

Protanomaly

193.5590, -31.3346, 17.0498

Deuteranomaly

194.9240, -31.5145, 28.1307

Tritanomaly

197.0750, -10.3900, 19.2282

Monochromacy



Original Color

193.8580, -31.4820, 17.6645

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8580, -31.4820, 17.6645 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(214, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 130)  
}
```

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(214, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 130) }
```

Border

The CSS property to change the border of an element to YUV 193.8580, -31.4820, 17.6645 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(214, 196, 130) }
```


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

```
.border{ border-color:rgb(214, 196, 130) }
```

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

Here you see how a box with a 4 pixel rgb(214, 196, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 193.8580, -31.4820, 17.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 130) }
```

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

```
.background{ background-color: rgb(214,  
196, 130) }
```

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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