

Converting Colors

YUV(210.3790, -28.2878,
19.8386)

Have a look what the booklet for
YUV(210.3790, -28.2878, 19.8386)
contains.

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Color

**YUV(210.3790, -28.2878,
19.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D299
RGB	233, 210, 153
RGB Percent	91%, 82%, 60%
CMY	0.0863, 0.1765, 0.4000
CMYK	0.00, 0.10, 0.34, 0.09
HSL	43°, 65%, 76%
HSV	43°, 34%, 91%
XYZ	62.4006, 65.7167, 39.5327
YIQ	210.3790, 32.0050, -12.8510

Conversions

Conversions Part 2

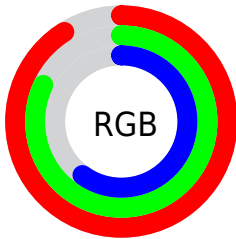
Format	Color
R _Y B	185, 233, 153
Decimal	15323801
CIE Lab	84.85, -0.14, 31.20
CIE LCh	85, 31.203, 90.261
Yxy	65.7167, 0.3722, 0.3920
Android (android.graphics.Color)	4293513881 (0xFFE9D299)
YUV	210.3790, -28.2878, 19.8386
Hunter-Lab	81.0659, -4.4645, 27.8326

Details

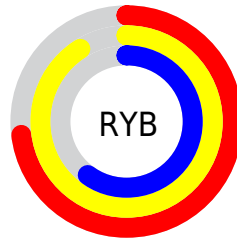
The YUV color $210.3790, -28.2878, 19.8386$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.6210, 28.2878, -19.8386$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $155.7100, -26.9720, 17.7943$ is the 20% darker color. If you saturate the color by 10%, you get $203.6480, -36.3085, 25.7417$, and if you desaturate by 10%, it is $217.1100, -20.2672, 13.9355$.

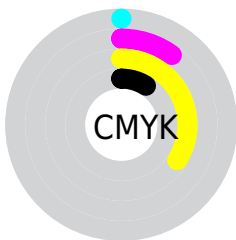
Distribution



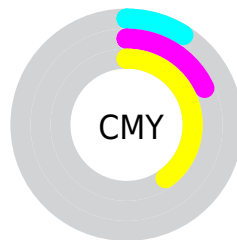
- Red (91%)
- Green (82%)
- Blue (60%)



- Red (73%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3790, -28.2878, 19.8386 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 210.3790, -28.2878, 19.8386 by changing the saturation by 10% instead.

■ 210.3790,
-28.2878, 19.8386

■ 210.3790,
-28.2878, 19.8386

255.0000, 0.0000,
0.0000

■ 182.3080,
-27.2668, 19.0239

■ 249.6420,
-20.5295, 4.6990

■ 155.7100,
-26.9720, 17.7943

■ 252.8340, -8.2992,
1.8996

■ 129.6390,
-25.9510, 16.9796

■ 104.1550,
-25.2194, 15.6501

■ 79.6710, -24.4878,
14.3205

■ 56.0730, -24.1930,
13.0910

■ 35.1850, -17.3462,

10.3618

■ 15.9700, -7.8732,
5.2883

■ 0.0000, 0.0000,
0.0000

■ 210.3790,
-28.2878, 19.8386

■ 210.3790,
-28.2878, 19.8386

■ 203.6480,
-36.3085, 25.7417

■ 217.1100,
-20.2672, 13.9355

■ 197.3900,
-45.0553, 31.2300

■ 223.3680,
-11.5204, 8.4473

■ 190.6590,
-53.0759, 37.1331

■ 230.0990, -3.4998,
2.5442

■ 183.9280,
-61.0965, 43.0361

■ 236.8300, 4.5208,
-3.3589

■ 177.7840,
-69.4065, 48.4244

■ 241.3780, 6.7156,
-7.3475

■ 170.9390,
-77.8639, 54.4275

■ 245.4870, 4.6899,
-10.9511

■ 167.1090,
-82.3847, 57.7864

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



212.1130, -24.7057, 37.6119



210.3790, -28.2878, 19.8386



206.8920, -23.1178, -5.1673

Triad

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



210.3790, -28.2878, 19.8386



197.3860, 21.0087, -65.2365



216.8030, 12.4221, 29.1138

Complementary

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



210.3790, -28.2878, 19.8386



175.6210, 28.2878, -19.8386

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.



213.7010, 20.3604, 2.8932



210.3790, -28.2878, 19.8386



201.2330, 26.5071, -55.4553

Square

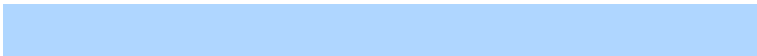
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.3790, -28.2878, 19.8386



198.8530, 5.9885, -54.2451



207.0130, 23.6576, -28.0754



212.0570, 0.4649, 37.6610

Rectangle

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



210.3790, -28.2878, 19.8386



204.7310, -15.6434, -22.5661



207.0130, 23.6576, -28.0754



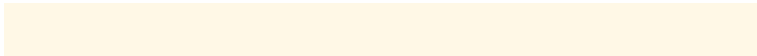
216.4860, 16.5224, 20.6218

Sweetspot

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



210.3790, -28.2878, 19.8386



248.0410, -8.8942, 6.1030



179.6560, -1.3094, 46.7827



123.2410, -5.5418, 4.1736



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.



210.3790, -28.2878, 19.8386



225.4200, -37.1821, 25.9417



219.0960, -32.5853, -1.8382



113.9850, -3.9366, 2.6442



129.8420, -64.0121, 44.8656



38.4520, -18.9568, 13.6356

Inverse Universe

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



175.6210, 28.2878, -19.8386



180.1670, 36.8927, -26.4565



166.9040, 32.5853, 1.8382



109.0150, 3.9366, -2.6442



51.1580, 64.0121, -44.8656



14.9610, 19.2462, -13.1208

Previews

White Background



This preview shows how the YUV color 210.3790, -28.2878, 19.8386 looks on a white background.

Color Contrast Check

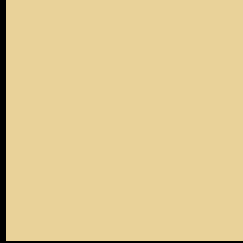
Large Text (above 18pt) WCAG AA × Fail

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 210.3790, -28.2878, 19.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

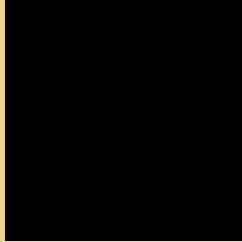
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.3790, -28.2878, 19.8386

Background



This preview shows how black text looks on a background with the YUV color 210.3790, -28.2878, 19.8386.



This preview shows how white text looks on a background with the YUV color 210.3790, -28.2878, 19.8386.

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

210.3790, -28.2878, 19.8386

Protanopia

210.1720, -27.6928, 15.6352

Deuteranopia

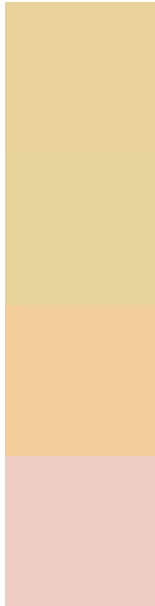
211.7660, -28.4786, 34.4082



Tritanopia

215.0720, 0.9505, 21.8619

Trichromacy



Original Color

210.3790, -28.2878, 19.8386

Protanomaly

210.1830, -27.6982, 17.3795

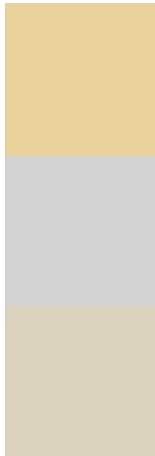
Deuteranomaly

211.4340, -28.3150, 28.5604

Tritanomaly

213.3140, -9.5218, 20.7726

Monochromacy



Original Color

210.3790, -28.2878, 19.8386

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3790, -28.2878, 19.8386 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(233, 210, 153)` looks like.

```
.text, #text, p{  
    color:rgb(233, 210, 153)  
}
```

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(233, 210, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 210, 153) }
```

Border

The CSS property to change the border of an element to YUV 210.3790, -28.2878, 19.8386 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(233, 210, 153) }
```


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

```
.border{ border-color:rgb(233, 210, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 210, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 210, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 210, 153);  
box-shadow:4px 4px 4px 4px rgb(233, 210,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 210.3790, -28.2878, 19.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 210, 153) }
```

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

```
.background{ background-color: rgb(233,  
210, 153) }
```

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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