

Converting Colors

YUV(214.8190, -28.9978,
14.1907)

Have a look what the booklet for
YUV(214.8190, -28.9978, 14.1907)
contains.

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Color

**YUV(214.8190, -28.9978,
14.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DA9C
RGB	231, 218, 156
RGB Percent	91%, 85%, 61%
CMY	0.0941, 0.1451, 0.3882
CMYK	0.00, 0.06, 0.32, 0.09
HSL	50°, 61%, 76%
HSV	50°, 32%, 91%
XYZ	64.0272, 69.5320, 41.4989
YIQ	214.8190, 27.6500, -16.5260

Conversions

Conversions Part 2

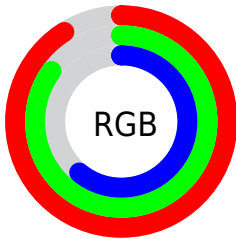
Format	Color
R _{YB}	172, 231, 156
Decimal	15194780
CIE Lab	86.77, -4.65, 32.18
CIE LCh	87, 32.512, 98.229
Yxy	69.5320, 0.3657, 0.3972
Android (android.graphics.Color)	4293384860 (0xFFE7DA9C)
YUV	214.8190, -28.9978, 14.1907
Hunter-Lab	83.3859, -8.8655, 28.8631

Details

The YUV color **214.8190, -28.9978, 14.1907** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.1810, 28.9978, -14.1907**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, -19.2191, 4.3990**, and **159.5630, -27.3926, 12.6612** is the 20% darker color. If you saturate the color by 10%, you get **209.8490, -37.8866, 18.5494**, and if you desaturate by 10%, it is **219.7890, -20.1090, 9.8320**.

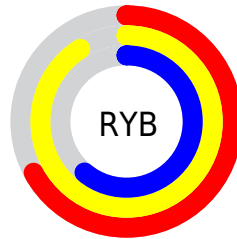
Distribution



Red (91%)

Green (85%)

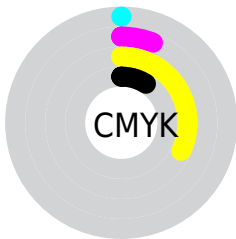
Blue (61%)



Red (67%)

Yellow (91%)

Blue (61%)

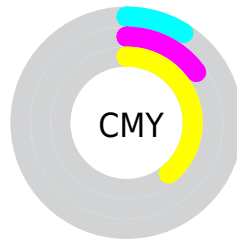


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8190, -28.9978, 14.1907 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 214.8190, -28.9978, 14.1907 by changing the saturation by 10% instead.

■ 214.8190,
-28.9978, 14.1907

■ 214.8190,
-28.9978, 14.1907

255.0000, 0.0000,
0.0000

■ 186.7480,
-27.9768, 13.3760

■ 249.9840,
-19.2191, 4.3990

■ 159.5630,
-27.3926, 12.6612

■ 253.1760, -6.9888,
1.5996

■ 133.3780,
-26.8084, 11.9465

■ 108.3070,
-25.7874, 11.1318

■ 83.1220, -25.2031,
10.4170

■ 59.4100, -25.3451,
9.2874

■ 38.7070, -19.0826,

7.2730

■ 19.4920, -9.6096,
2.1995

■ 0.0000, 0.0000,
0.0000

■ 214.8190,
-28.9978, 14.1907

■ 214.8190,
-28.9978, 14.1907

■ 209.8490,
-37.8866, 18.5494

■ 219.7890,
-20.1090, 9.8320

■ 204.8790,
-46.7753, 22.9081

■ 224.7590,
-11.2202, 5.4734

■ 199.9090,
-55.6641, 27.2668

■ 229.7290, -2.3314,
1.1147

■ 194.9390,
-64.5529, 31.6255

■ 234.6990, 6.5574,
-3.2440

■ 189.9690,
-73.4417, 35.9842

■ 237.8450, 8.4574,
-6.0031

■ 184.8850,
-82.7673, 40.4429

■ 240.1930, 7.2999,
-8.0623

■ 181.1860,
-89.3247, 43.6869

■ 242.5410, 6.1423,
-10.1215

■ 244.8890, 4.9847,
-12.1807

■ 247.2370, 3.8272,
-14.2398

Harmonies

Analogous

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



216.6950, -27.4576, 33.5935



214.8190, -28.9978, 14.1907



211.3040, -21.3489, -12.5446

Triad

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



214.8190, -28.9978, 14.1907



202.8030, 25.2401, -69.1102



219.9450, 10.3801, 30.7432

Complementary

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



214.8190, -28.9978, 14.1907



172.1810, 28.9978, -14.1907

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.



219.6590, 17.4231, 11.7001



214.8190, -28.9978, 14.1907



206.5710, 23.8755, -51.3668

Square

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



214.8190, -28.9978, 14.1907



203.0630, 10.8149, -62.3223



213.5580, 20.4309, -19.7834



214.6500, -2.2924, 35.3870

Rectangle

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



214.8190, -28.9978, 14.1907



208.3000, -11.9799, -30.9581



213.5580, 20.4309, -19.7834



222.1450, 13.7325, 28.8138

Sweetspot

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



214.8190, -28.9978, 14.1907



249.8020, -9.7624, 4.5586



180.0210, -4.9404, 44.7086



124.4150, -6.1206, 3.1440



0.0000, 0.0000, 0.0000



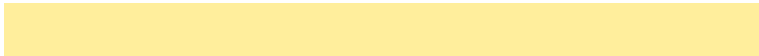
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.8190, -28.9978, 14.1907



233.7350, -38.3234, 18.6494



215.2740, -29.2221, -7.2563



112.4580, -4.6628, 2.2293



140.3970, -69.2157, 33.8548



39.9030, -19.6722, 9.7321

Inverse Universe

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



172.1810, 28.9978, -14.1907



177.2650, 38.3234, -18.6494



171.7260, 29.2221, 7.2563



105.5420, 4.6628, -2.2293



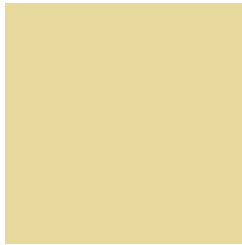
38.6030, 69.2157, -33.8548



11.0970, 19.6722, -9.7321

Previews

White Background



This preview shows how the YUV color 214.8190, -28.9978, 14.1907 looks on a white background.

Color Contrast Check

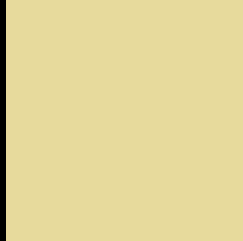
Large Text (above 18pt) WCAG AA × Fail

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 214.8190, -28.9978, 14.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

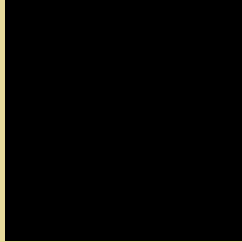
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.8190, -28.9978, 14.1907

Background



This preview shows how black text looks on a background with the YUV color 214.8190, -28.9978, 14.1907.



This preview shows how white text looks on a background with the YUV color 214.8190, -28.9978, 14.1907.

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

214.8190, -28.9978, 14.1907

Protanopia

215.1290, -29.1506, 16.5499

Deuteranopia

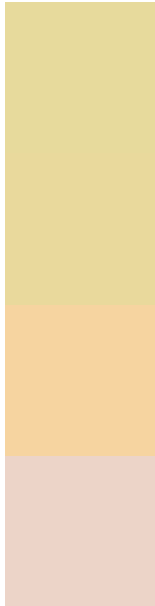
217.5100, -26.8734, 32.8787



Tritanopia

219.7940, 2.5666, 16.8437

Trichromacy



Original Color

214.8190, -28.9978, 14.1907

Protanomaly

214.8300, -29.0032, 15.9351

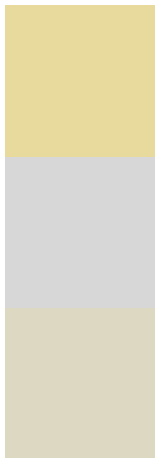
Deuteranomaly

216.2380, -27.7253, 26.1013

Tritanomaly

217.8080, -8.7793, 15.9544

Monochromacy



Original Color

214.8190, -28.9978, 14.1907

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9870, -10.3466, 5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8190, -28.9978, 14.1907 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(231, 218, 156)` looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 156)  
}
```

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(231, 218, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 156) }
```

Border

The CSS property to change the border of an element to YUV 214.8190, -28.9978, 14.1907 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(231, 218, 156) }
```


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

```
.border{ border-color:rgb(231, 218, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 218, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 218, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 218, 156); box-shadow:4px 4px 4px 4px rgb(231, 218, 156) }
```

Background

The CSS property to change the background color of an element to YUV 214.8190, -28.9978, 14.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 156) }
```

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

```
.background{ background-color: rgb(231,  
218, 156) }
```

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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