

Converting Colors

YUV(219.1990, -28.6921,
9.4725)

Have a look what the booklet for
YUV(219.1990, -28.6921, 9.4725)
contains.

YUV(219.1990, -28.6921, 9.4725)	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(219.1990, -28.6921,
9.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1A1
RGB	230, 225, 161
RGB Percent	90%, 88%, 63%
CMY	0.0980, 0.1176, 0.3686
CMYK	0.00, 0.02, 0.30, 0.10
HSL	56°, 58%, 77%
HSV	56°, 30%, 90%
XYZ	65.9914, 73.2466, 44.3781
YIQ	219.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

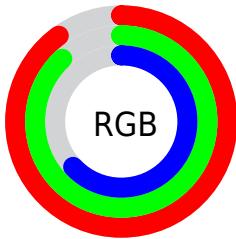
Format	Color
R_{YB}	166, 230, 161
Decimal	15131041
CIE _{Lab}	88.57, -7.97, 32.00
CIE _{LCh}	89, 32.976, 103.983
Yxy	73.2466, 0.3594, 0.3989
Android (android.graphics.Color)	4293321121 (0xFFE6E1A1)
YUV	219.1990, -28.6921, 9.4725
Hunter-Lab	85.5842, -12.1366, 29.1653

Details

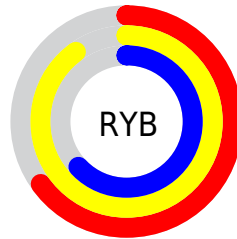
The YUV color $219.1990, -28.6921, 9.4725$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $171.8010, 28.6921, -9.4725$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $164.2420, -27.2343, 8.5578$ is the 20% darker color. If you saturate the color by 10%, you get $215.4030, -38.1597, 12.8016$, and if you desaturate by 10%, it is $222.9950, -19.2245, 6.1434$.

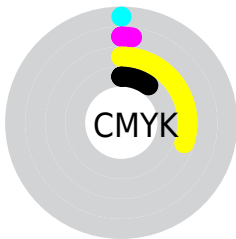
Distribution



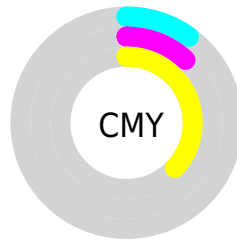
- Red (90%)
- Green (88%)
- Blue (63%)



- Red (65%)
- Yellow (90%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1990, -28.6921, 9.4725 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 219.1990, -28.6921, 9.4725 by changing the saturation by 10% instead.

■ 219.1990,
-28.6921, 9.4725

■ 219.1990,
-28.6921, 9.4725

255.0000, 0.0000,
0.0000

■ 191.0140,
-28.1079, 8.7577

■ 250.5540,
-17.0351, 3.8991

■ 164.2420,
-27.2343, 8.5578

■ 253.8600, -4.3680,
0.9998

■ 137.1710,
-26.2133, 7.7430

■ 111.9860,
-25.6291, 7.0283

■ 86.9150, -24.6081,
6.2135

■ 63.5020, -24.8975,
5.6987

■ 41.6420, -20.5295,

4.6990

■ 22.7260, -11.2039,
0.2403

■ 0.0000, 0.0000,
0.0000

■ 219.1990,
-28.6921, 9.4725

■ 219.1990,
-28.6921, 9.4725

■ 215.4030,
-38.1597, 12.8016

■ 222.9950,
-19.2245, 6.1434

■ 212.1940,
-47.9166, 15.6159

■ 226.2040, -9.4676,
3.3291

■ 208.3980,
-57.3842, 18.9450

■ 230.0000, 0.0000,
0.0000

■ 204.6020,
-66.8518, 22.2740

■ 233.7960, 9.4676,
-3.3291

■ 201.3930,
-76.6087, 25.0883

■ 234.6110, 10.0518,
-4.0438

■ 197.5970,
-86.0763, 28.4174

■ 235.7850, 9.4730,
-5.0734

■ 193.8010,
-95.5439, 31.7465

■ 236.9590, 8.8942,
-6.1030

■ 237.5460, 8.6048,
-6.6178

■ 238.7200, 8.0260,
-7.6474

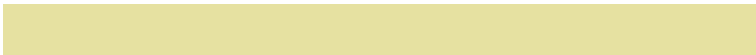
Harmonies

Analogous

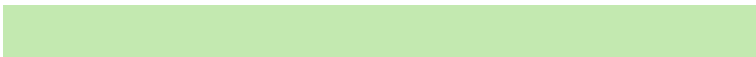
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.9180, -29.0466, 29.8899



219.1990, -28.6921, 9.4725



215.1400, -19.2960, -17.6628

Triad

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



219.1990, -28.6921, 9.4725



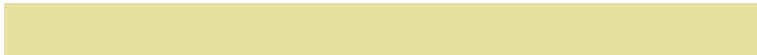
207.0590, 23.6349, -67.5807



221.5920, 9.0751, 29.2988

Complementary

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



219.1990, -28.6921, 9.4725



171.8010, 28.6921, -9.4725

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.



225.0080, 14.7861, 17.5330



219.1990, -28.6921, 9.4725



211.9200, 21.2384, -45.5338

Square

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



219.1990, -28.6921, 9.4725



207.2520, 14.1728, -65.9960



219.2060, 17.6464, -13.3357



216.8840, -3.8868, 33.4277

Rectangle

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



219.1990, -28.6921, 9.4725



212.0650, -8.9060, -36.8910



219.2060, 17.6464, -13.3357



223.9060, 12.8643, 27.2694

Sweetspot

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



219.1990, -28.6921, 9.4725



251.2040, -9.4676, 3.3291



182.3150, -7.5503, 41.8197



125.1160, -5.9732, 2.5293



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.



219.1990, -28.6921, 9.4725



240.4030, -38.1597, 12.8016



213.4630, -25.8643, -10.9301



113.0450, -4.9522, 1.7145



150.9630, -74.4248, 24.5884



42.8380, -21.1191, 7.1581

Inverse Universe

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



171.8010, 28.6921, -9.4725



177.5970, 38.1597, -12.8016



177.5370, 25.8643, 10.9301



104.9550, 4.9522, -1.7145



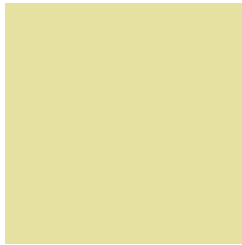
28.0370, 74.4248, -24.5884



8.1620, 21.1191, -7.1581

Previews

White Background



This preview shows how the YUV color 219.1990, -28.6921, 9.4725 looks on a white background.

Color Contrast Check

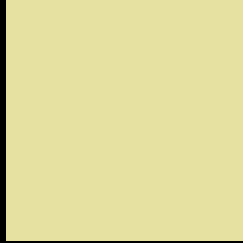
Large Text (above 18pt) WCAG AA × Fail

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 219.1990, -28.6921, 9.4725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

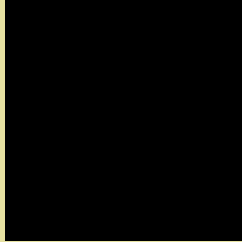
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

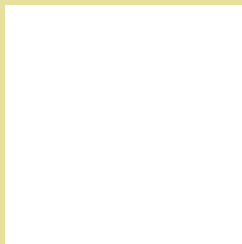
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.1990, -28.6921, 9.4725

Background



This preview shows how black text looks on a background with the YUV color 219.1990, -28.6921, 9.4725.



This preview shows how white text looks on a background with the YUV color 219.1990, -28.6921, 9.4725.

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

219.1990, -28.6921, 9.4725

Protanopia

220.0150, -29.5874, 16.6498

Deuteranopia

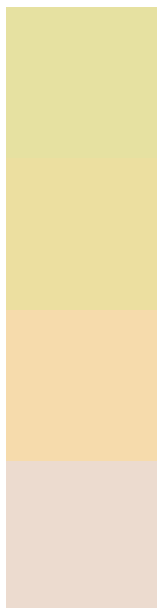
222.7420, -22.0578, 28.2903



Tritanopia

224.8150, 4.0352, 12.4402

Trichromacy



Original Color

219.1990, -28.6921, 9.4725

Protanomaly

219.7050, -29.4346, 14.2907

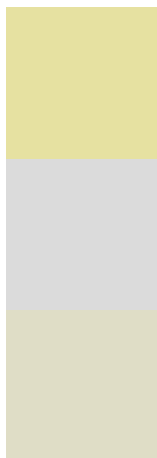
Deuteranomaly

221.7150, -24.5095, 21.2979

Tritanomaly

222.7150, -7.7475, 11.6509

Monochromacy



Original Color

219.1990, -28.6921, 9.4725

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1990, -28.6921, 9.4725 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(230, 225, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 161)  
}
```

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(230, 225, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 161) }
```

Border

The CSS property to change the border of an element to YUV 219.1990, -28.6921, 9.4725 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(230, 225, 161) }
```


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

```
.border{ border-color:rgb(230, 225, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 225, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 225, 161); box-shadow:4px 4px 4px 4px rgb(230, 225, 161) }
```

Background

The CSS property to change the background color of an element to YUV 219.1990, -28.6921, 9.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 161) }
```

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

```
.background{ background-color: rgb(230,  
225, 161) }
```

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