

Converting Colors

YUV(224.0900, -9.9044, 3.4291)

Have a look what the booklet for
YUV(224.0900, -9.9044, 3.4291)
contains.

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Color

**YUV(224.0900, -9.9044,
3.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E2CC
RGB	228, 226, 204
RGB Percent	89%, 89%, 80%
CMY	0.1059, 0.1137, 0.2000
CMYK	0.00, 0.01, 0.11, 0.11
HSL	55°, 31%, 85%
HSV	55°, 11%, 89%
XYZ	70.0903, 75.2463, 67.9566
YIQ	224.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

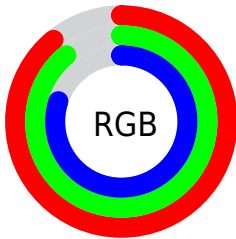
Format	Color
R _Y B	206, 228, 204
Decimal	15000268
CIE Lab	89.51, -3.05, 10.99
CIE LCh	90, 11.408, 105.504
Yxy	75.2463, 0.3286, 0.3528
Android (android.graphics.Color)	4293190348 (0xFFE4E2CC)
YUV	224.0900, -9.9044, 3.4291
Hunter-Lab	86.7446, -7.5737, 14.2729

Details

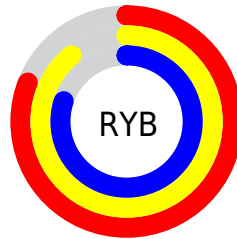
The YUV color $224.0900, -9.9044, 3.4291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.9100, 9.9044, -3.4291$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.2040, -9.4676, 3.3291$ is the 20% darker color. If you saturate the color by 10%, you get $220.2940, -19.3719, 6.7582$, and if you desaturate by 10%, it is $227.8860, -0.4368, 0.1000$.

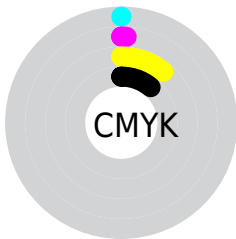
Distribution



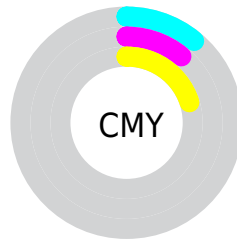
- Red (89%)
- Green (89%)
- Blue (80%)



- Red (81%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.0900, -9.9044, 3.4291 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 224.0900, -9.9044, 3.4291 by changing the saturation by 10% instead.

■ 224.0900, -9.9044,
3.4291

■ 224.0900, -9.9044,
3.4291

255.0000, 0.0000,
0.0000

■ 196.2040, -9.4676,
3.3291

■ 169.2040, -9.4676,
3.3291

■ 142.3180, -9.0308,
3.2291

■ 117.0190, -8.8834,
2.6143

■ 92.1330, -8.4466,
2.5144

■ 68.2470, -8.0098,
2.4144

■ 46.3610, -7.5730,

2.3144

■ 25.1330, -8.4466,
2.5144

■ 0.0000, 0.0000,
0.0000

■ 224.0900, -9.9044,
3.4291

■ 224.0900, -9.9044,
3.4291

■ 220.2940,
-19.3719, 6.7582

■ 227.8860, -0.4368,
0.1000

■ 216.4980,
-28.8395, 10.0873

■ 231.6820, 9.0308,
-3.2291

■ 212.8160,
-37.8703, 13.3164

■ 233.4260, 10.6360,
-4.7586

■ 209.0200,
-47.3379, 16.6455

■ 234.6000, 10.0572,
-5.7882

■ 205.2240,
-56.8054, 19.9746

■ 235.7740, 9.4784,
-6.8178

■ 202.0150,
-66.5624, 22.7888

■ 236.3610, 9.1890,
-7.3326

■ 198.2190,
-76.0300, 26.1179

■ 237.5350, 8.6102,
-8.3622

■ 194.5370,
-85.0607, 29.3471

■ 238.7090, 8.0315,
-9.3918

■ 190.8550,
-94.0915, 32.5762

■ 239.8830, 7.4527,
-10.4214

Harmonies

Analogous

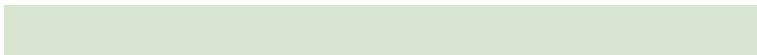
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.0310, -10.3683, 12.2508



224.0900, -9.9044, 3.4291



222.5340, -6.6723, -6.6073

Triad

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



224.0900, -9.9044, 3.4291



222.1700, 8.7902, -19.4431



227.2560, 1.8458, 14.6845

Complementary

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



224.0900, -9.9044, 3.4291



207.9100, 9.9044, -3.4291

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.



226.4660, 6.6723, 6.6073



224.0900, -9.9044, 3.4291



224.0720, 10.8105, -14.0951

Square

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



224.0900, -9.9044, 3.4291



221.6060, 4.1382, -20.7025



225.6110, 10.0518, -4.0438



227.4970, -3.6960, 18.8581

Rectangle

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



224.0900, -9.9044, 3.4291



222.4130, -3.1616, -12.6402



225.6110, 10.0518, -4.0438



227.2880, 3.3090, 12.0254

Sweetspot

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



224.0900, -9.9044, 3.4291



253.5010, -3.2050, 1.3146



211.4040, -2.6642, 14.5547



126.7290, -2.3314, 1.1147



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.



224.0900, -9.9044, 3.4291



249.4770, -13.5462, 4.8437



222.2740, -9.0091, -3.7483



113.0450, -4.9522, 1.7145



149.7890, -73.8460, 25.6180



42.8380, -21.1191, 7.1581

Inverse Universe

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



207.9100, 9.9044, -3.4291



227.5230, 13.5462, -4.8437



209.7260, 9.0091, 3.7483



104.9550, 4.9522, -1.7145



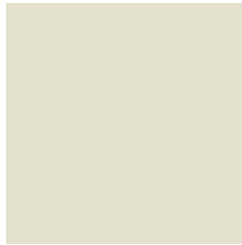
29.2110, 73.8460, -25.6180



8.1620, 21.1191, -7.1581

Previews

White Background



This preview shows how the YUV color 224.0900, -9.9044, 3.4291 looks on a white background.

Color Contrast Check

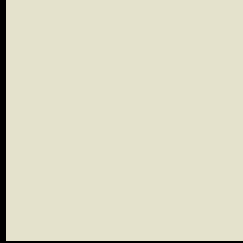
Large Text (above 18pt) WCAG AA × Fail

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 224.0900, -9.9044, 3.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

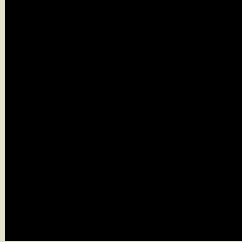
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

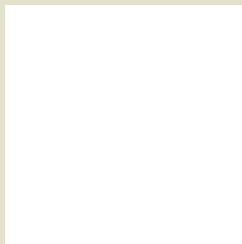
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.0900, -9.9044, 3.4291

Background



This preview shows how black text looks on a background with the YUV color 224.0900, -9.9044, 3.4291.



This preview shows how white text looks on a background with the YUV color 224.0900, -9.9044,

3.4291.

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

224.0900, -9.9044, 3.4291

Protanopia

224.5960, -10.6468, 8.2473

Deuteranopia

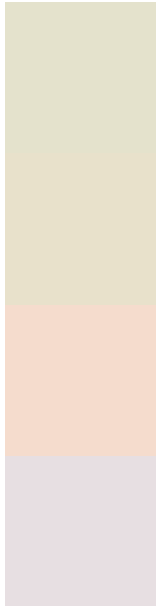
226.8090, -10.2588, 23.8465



Tritanopia

226.5260, 5.6567, 5.6777

Trichromacy



Original Color

224.0900, -9.9044, 3.4291

Protanomaly

224.5850, -10.6414, 6.5030

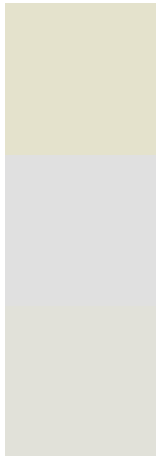
Deuteranomaly

225.7650, -10.2371, 16.8691

Tritanomaly

225.7340, 0.1311, 4.6183

Monochromacy



Original Color

224.0900, -9.9044, 3.4291

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.0900, -9.9044, 3.4291 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(228, 226, 204)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 204)  
}
```

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(228, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 204) }
```

Border

The CSS property to change the border of an element to YUV 224.0900, -9.9044, 3.4291 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(228, 226, 204) }
```


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

```
.border{ border-color:rgb(228, 226, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 204);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 224.0900, -9.9044, 3.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 204) }
```

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

```
.background{ background-color: rgb(228,  
226, 204) }
```

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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