

Converting Colors

YUV(204.2230, -14.8999,
19.0984)

Have a look what the booklet for
YUV(204.2230, -14.8999, 19.0984)
contains.

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Color

**YUV(204.2230, -14.8999,
19.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C7AE
RGB	226, 199, 174
RGB Percent	89%, 78%, 68%
CMY	0.1137, 0.2196, 0.3176
CMYK	0.00, 0.12, 0.23, 0.11
HSL	29°, 47%, 78%
HSV	29°, 23%, 89%
XYZ	59.4274, 60.0716, 48.5072
YIQ	204.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

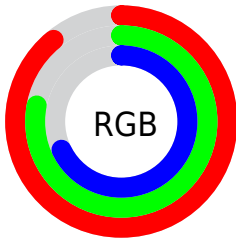
Format	Color
R _Y B	226, 222, 174
Decimal	14862254
CIE Lab	81.88, 5.67, 16.00
CIE LCh	82, 16.978, 70.507
Yxy	60.0716, 0.3537, 0.3576
Android (android.graphics.Color)	4293052334 (0xFFE2C7AE)
YUV	204.2230, -14.8999, 19.0984
Hunter-Lab	77.5059, 1.2292, 17.1473

Details

The YUV color $204.2230, -14.8999, 19.0984$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $195.7770, 14.8999, -19.0984$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, -10.9200, 2.4994$, and $149.8530, -13.7315, 17.6689$ is the 20% darker color. If you saturate the color by 10%, you get $194.5570, -21.4736, 27.5755$, and if you desaturate by 10%, it is $213.8890, -8.3263, 10.6213$.

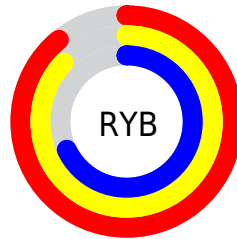
Distribution



Red (89%)

Green (78%)

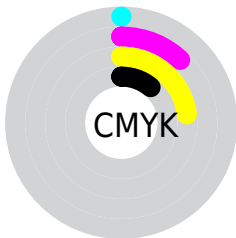
Blue (68%)



Red (89%)

Yellow (87%)

Blue (68%)

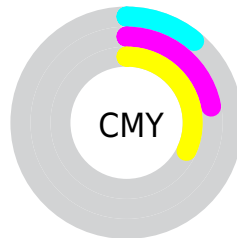


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2230, -14.8999, 19.0984 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 204.2230, -14.8999, 19.0984 by changing the saturation by 10% instead.

■ 204.2230,
-14.8999, 19.0984

■ 204.2230,
-14.8999, 19.0984

255.0000, 0.0000,
0.0000

■ 176.9240,
-14.7525, 18.4837

■ 252.1500,
-10.9200, 2.4994

■ 149.8530,
-13.7315, 17.6689

■ 124.2550,
-13.4367, 16.4394

■ 99.0700, -12.8525,
15.7246

■ 74.8850, -12.2683,
15.0099

■ 52.4010, -11.5367,
13.6803

■ 30.3470, -12.9891,

12.8507

■ 7.4530, -3.6743,
11.8807

■ 0.0000, 0.0000,
0.0000

■ 204.2230,
-14.8999, 19.0984

■ 204.2230,
-14.8999, 19.0984

■ 194.5570,
-21.4736, 27.5755

■ 213.8890, -8.3263,
10.6213

■ 185.5920,
-27.8999, 35.4378

■ 222.8540, -1.9000,
2.7590

■ 175.9260,
-34.4735, 43.9149

■ 232.5200, 4.6736,
-5.7180

■ 166.3740,
-40.6104, 52.2920

■ 241.0460, 6.8793,
-13.1953

■ 156.7080,
-47.1840, 60.7691

■ 246.3290, 4.2748,
-17.8285

■ 147.6290,
-54.0471, 68.7314

■ 138.0770,
-60.1840, 77.1085

■ 131.5570,
-64.8576, 82.8265

Harmonies

Analogous

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



206.0050, -10.8485, 26.3056



204.2230, -14.8999, 19.0984



202.1460, -14.8620, 6.8880

Triad

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



204.2230, -14.8999, 19.0984



197.8930, 5.4758, -29.7242



206.2040, 10.7454, 6.8371

Complementary

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



204.2230, -14.8999, 19.0984



195.7770, 14.8999, -19.0984

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.



203.6580, 15.4516, -9.3471



204.2230, -14.8999, 19.0984



198.7170, 12.4645, -31.3238

Square

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



204.2230, -14.8999, 19.0984



198.6570, -3.2819, -20.7472



200.6840, 15.9318, -23.4019



206.8590, 4.0135, 19.4177

Rectangle

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



204.2230, -14.8999, 19.0984



201.3620, -12.5035, -2.9485



200.6840, 15.9318, -23.4019



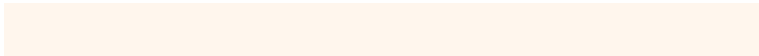
205.0400, 12.7983, 1.7189

Sweetspot

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



204.2230, -14.8999, 19.0984



247.6650, -5.2578, 6.4328



192.7400, 4.5652, 29.1690



123.2240, -3.0684, 4.1886



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.



204.2230, -14.8999, 19.0984



225.1870, -20.3052, 26.1460



218.8980, -22.1347, 6.2285



107.2240, -3.0684, 4.1886



102.5190, -50.5419, 64.4428



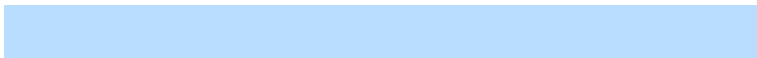
27.8530, -13.7315, 17.6689

Inverse Universe

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



195.7770, 14.8999, -19.0984



213.8130, 20.3052, -26.1460



181.1020, 22.1347, -6.2285



105.7760, 3.0684, -4.1886



73.4810, 50.5419, -64.4428



20.1470, 13.7315, -17.6689

Previews

White Background



This preview shows how the YUV color 204.2230, -14.8999, 19.0984 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 204.2230, -14.8999, 19.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

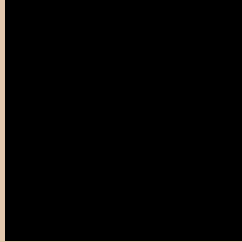
Any Text WCAG AA ✓ Pass

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 204.2230, -14.8999, 19.0984 Background



This preview shows how black text looks on a background with the YUV color 204.2230, -14.8999, 19.0984.



This preview shows how white text looks on a background with the YUV color 204.2230, -14.8999, 19.0984.

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

204.2230, -14.8999, 19.0984

Protanopia

203.2110, -13.4150, 9.4620

Deuteranopia

204.9680, -14.7742, 25.4611



Tritanopia

206.4740, 1.2453, 20.6323

Trichromacy



Original Color

204.2230, -14.8999, 19.0984

Protanomaly

203.7060, -14.1521, 12.5358

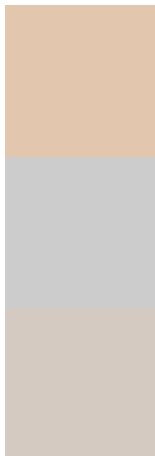
Deuteranomaly

204.6580, -14.6214, 23.1019

Tritanomaly

205.8670, -4.8644, 20.2876

Monochromacy



Original Color

204.2230, -14.8999, 19.0984

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2230, -14.8999, 19.0984 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(226, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 174)  
}
```

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(226, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 174) }
```

Border

The CSS property to change the border of an element to YUV 204.2230, -14.8999, 19.0984 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(226, 199, 174) }
```


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

```
.border{ border-color:rgb(226, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 199, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 199, 174); box-shadow:4px 4px 4px 4px rgb(226, 199, 174) }
```

Background

The CSS property to change the background color of an element to YUV 204.2230, -14.8999, 19.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 174) }
```

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

```
.background{ background-color: rgb(226,  
199, 174) }
```

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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