

Converting Colors

YUV(204.0870, -15.3259,
15.7097)

Have a look what the booklet for
YUV(204.0870, -15.3259, 15.7097)
contains.

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Color

**YUV(204.0870, -15.3259,
15.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC9AD
RGB	222, 201, 173
RGB Percent	87%, 79%, 68%
CMY	0.1294, 0.2118, 0.3216
CMYK	0.00, 0.09, 0.22, 0.13
HSL	34°, 43%, 77%
HSV	34°, 22%, 87%
XYZ	58.5537, 60.3200, 48.0920
YIQ	204.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

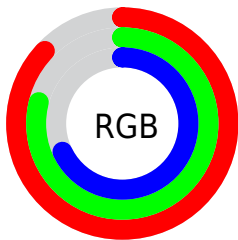
Format	Color
R_{YB}	210, 222, 173
Decimal	14600621
CIE _{Lab}	82.01, 2.98, 16.67
CIE _{LCh}	82, 16.938, 79.871
Yxy	60.3200, 0.3507, 0.3613
Android (android.graphics.Color)	4292790701 (0xFFDEC9AD)
YUV	204.0870, -15.3259, 15.7097
Hunter-Lab	77.6660, -1.3413, 17.6529

Details

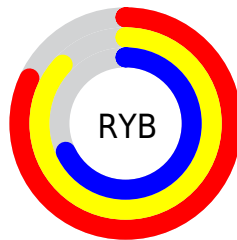
The YUV color $204.0870, -15.3259, 15.7097$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $190.9130, 15.3259, -15.7097$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $149.7170, -14.1575, 14.2802$ is the 20% darker color. If you saturate the color by 10%, you get $195.7090, -22.0415, 23.0572$, and if you desaturate by 10%, it is $212.4650, -8.6102, 8.3622$.

Distribution



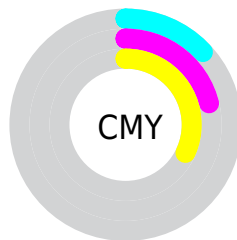
- Red (87%)
- Green (79%)
- Blue (68%)



- Red (82%)
- Yellow (87%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0870, -15.3259, 15.7097 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 204.0870, -15.3259, 15.7097 by changing the saturation by 10% instead.

■ 204.0870,
-15.3259, 15.7097

■ 204.0870,
-15.3259, 15.7097

255.0000, 0.0000,
0.0000

■ 176.7880,
-15.1785, 15.0949

■ 251.9220,
-11.7935, 2.6994

■ 149.7170,
-14.1575, 14.2802

■ 123.8310,
-13.7207, 14.1802

■ 99.2330, -13.4259,
12.9507

■ 75.0480, -12.8417,
12.2359

■ 51.9770, -11.8207,
11.4212

■ 29.9230, -13.2730,

10.5915

■ 8.0180, -3.9529,
7.8772

■ 0.0000, 0.0000,
0.0000

■ 204.0870,
-15.3259, 15.7097

■ 204.0870,
-15.3259, 15.7097

■ 195.7090,
-22.0415, 23.0572

■ 212.4650, -8.6102,
8.3622

■ 187.9180,
-29.0466, 29.8899

■ 220.2560, -1.6052,
1.5295

■ 179.4260,
-36.1990, 37.3374

■ 228.7480, 5.5472,
-5.9180

■ 171.6350,
-43.2041, 44.1701

■ 235.7410, 9.4947,
-12.0509

■ 163.2570,
-49.9197, 51.5176

■ 241.6110, 6.6008,
-17.1988

■ 155.4660,
-56.9247, 58.3503

■ 245.1330, 4.8644,
-20.2876

■ 147.0880,
-63.6404, 65.6978

■ 140.9270,
-69.4770, 71.1010

Harmonies

Analogous

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



205.5380, -12.5902, 24.9612



204.0870, -15.3259, 15.7097



202.0530, -13.8301, 2.5845

Triad

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



204.0870, -15.3259, 15.7097



198.1640, 7.8071, -30.8388



206.7700, 8.9874, 10.7257

Complementary

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



204.0870, -15.3259, 15.7097



190.9130, 15.3259, -15.7097

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.



205.0500, 14.2723, -4.4289



204.0870, -15.3259, 15.7097



199.4830, 14.0589, -29.3646

Square

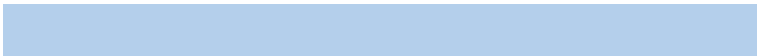
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.0870, -15.3259, 15.7097



198.7320, -0.3609, -24.3210



202.1190, 16.2103, -19.3984



206.8980, 1.5293, 22.8915

Rectangle

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



204.0870, -15.3259, 15.7097



200.7960, -10.7454, -6.8371



202.1190, 16.2103, -19.3984



205.9050, 10.8928, 6.2223

Sweetspot

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



204.0870, -15.3259, 15.7097



248.2520, -5.5472, 5.9180



190.0450, 1.9498, 28.0245



123.8110, -3.3578, 3.6738



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.



204.0870, -15.3259, 15.7097



231.0400, -20.7257, 21.0129



215.5170, -20.9609, 3.0546



107.8110, -3.3578, 3.6738



111.9110, -55.1721, 56.2061



30.7880, -15.1785, 15.0949

Inverse Universe

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



190.9130, 15.3259, -15.7097



212.9600, 20.7257, -21.0129



179.4830, 20.9609, -3.0546



105.1890, 3.3578, -3.6738



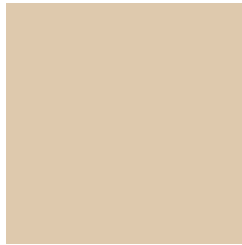
64.0890, 55.1721, -56.2061



17.7990, 14.8891, -15.6097

Previews

White Background



This preview shows how the YUV color 204.0870, -15.3259, 15.7097 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 204.0870, -15.3259, 15.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

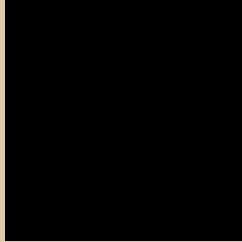
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.0870, -15.3259, 15.7097

Background



This preview shows how black text looks on a background with the YUV color 204.0870, -15.3259, 15.7097.



This preview shows how white text looks on a background with the YUV color 204.0870, -15.3259, 15.7097.

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

204.0870, -15.3259, 15.7097

Protanopia

202.9830, -14.2886, 9.6619

Deuteranopia

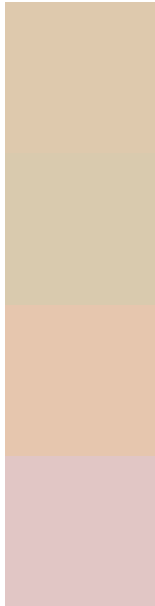
204.8540, -15.2110, 25.5610



Tritanopia

206.9790, 1.9824, 17.5584

Trichromacy



Original Color

204.0870, -15.3259, 15.7097

Protanomaly

203.2930, -14.4414, 12.0210

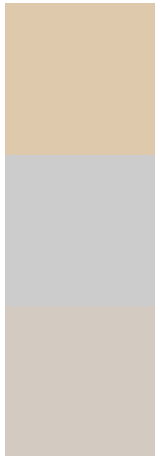
Deuteranomaly

204.8320, -15.2002, 22.0723

Tritanomaly

205.9590, -4.4168, 16.6990

Monochromacy



Original Color

204.0870, -15.3259, 15.7097

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2520, -5.5472, 5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0870, -15.3259, 15.7097 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(222, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 173)  
}
```

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(222, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 173) }
```

Border

The CSS property to change the border of an element to YUV 204.0870, -15.3259, 15.7097 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(222, 201, 173) }
```


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

```
.border{ border-color:rgb(222, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 204.0870, -15.3259, 15.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 173) }
```

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

```
.background{ background-color: rgb(222,  
201, 173) }
```

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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