

Converting Colors

YUV(214.7960, -24.0564,
15.9649)

Have a look what the booklet for
YUV(214.7960, -24.0564, 15.9649)
contains.

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Color

**YUV(214.7960, -24.0564,
15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D7A6
RGB	233, 215, 166
RGB Percent	91%, 84%, 65%
CMY	0.0863, 0.1569, 0.3490
CMYK	0.00, 0.08, 0.29, 0.09
HSL	44°, 60%, 78%
HSV	44°, 29%, 91%
XYZ	64.7876, 68.6777, 45.9178
YIQ	214.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

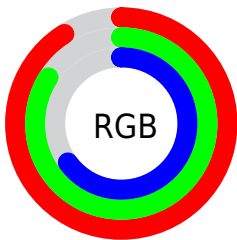
Format	Color
RYB	191, 233, 166
Decimal	15325094
CIELab	86.34, -1.10, 26.47
CIElCh	86, 26.497, 92.386
Yxy	68.6777, 0.3612, 0.3829
Android (android.graphics.Color)	4293515174 (0xFFE9D7A6)
YUV	214.7960, -24.0564, 15.9649
Hunter-Lab	82.8720, -5.4783, 25.1589

Details

The YUV color $214.7960, -24.0564, 15.9649$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $184.2040, 24.0564, -15.9649$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $159.8390, -22.5986, 15.0502$ is the 20% darker color. If you saturate the color by 10%, you get $208.6520, -32.3664, 21.3532$, and if you desaturate by 10%, it is $220.9400, -15.7464, 10.5766$.

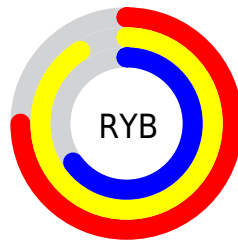
Distribution



Red (91%)

Green (84%)

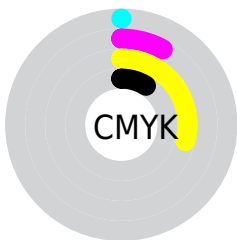
Blue (65%)



Red (75%)

Yellow (91%)

Blue (65%)

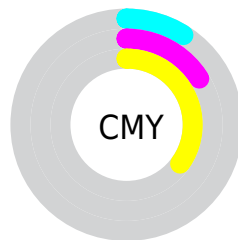


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7960, -24.0564, 15.9649 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 214.7960, -24.0564, 15.9649 by changing the saturation by 10% instead.

■ 214.7960,
-24.0564, 15.9649

■ 214.7960,
-24.0564, 15.9649

255.0000, 0.0000,
0.0000

■ 186.6110,
-23.4722, 15.2502

■ 251.1240,
-14.8511, 3.3993

■ 159.8390,
-22.5986, 15.0502

■ 254.4300, -2.1840,
0.4999

■ 133.3550,
-21.8670, 13.7207

■ 108.1700,
-21.2828, 13.0059

■ 83.6860, -20.5512,
11.6764

■ 60.2020, -19.8196,
10.3468

■ 38.1310, -18.7986,

9.5321

■ 19.2150, -9.4730,
5.0734

■ 0.0000, 0.0000,
0.0000

■ 214.7960,
-24.0564, 15.9649

■ 214.7960,
-24.0564, 15.9649

■ 208.6520,
-32.3664, 21.3532

■ 220.9400,
-15.7464, 10.5766

■ 201.8070,
-40.8239, 27.3563

■ 227.7850, -7.2890,
4.5736

■ 195.6630,
-49.1339, 32.7445

■ 233.9290, 1.0210,
-0.8147

■ 189.5190,
-57.4439, 38.1328

■ 239.6170, 7.5838,
-5.8031

■ 183.3750,
-65.7539, 43.5211

■ 243.1390, 5.8475,
-8.8919

■ 176.5300,
-74.2113, 49.5242

■ 247.2480, 3.8217,
-12.4955

■ 170.3860,
-82.5213, 54.9125

■ 248.4220, 3.2430,
-13.5251

■ 169.4570,
-83.5423, 55.7272

Harmonies

Analogous

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



217.3620, -22.3635, 33.0085



214.7960, -24.0564, 15.9649



211.9180, -19.1866, -6.0671

Triad

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



214.7960, -24.0564, 15.9649



205.3660, 18.0606, -52.9410



220.0970, 9.8122, 26.2249

Complementary

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



214.7960, -24.0564, 15.9649



184.2040, 24.0564, -15.9649

Split Complementary

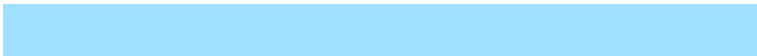
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.4300, 18.0290, 4.0079



214.7960, -24.0564, 15.9649



208.6860, 22.8328, -43.5746

Square

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



214.7960, -24.0564, 15.9649



205.7940, 5.5246, -45.4233



213.5470, 20.4363, -21.5277



216.9810, -0.9766, 33.3427

Rectangle

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



214.7960, -24.0564, 15.9649



209.9530, -12.3018, -21.0068



213.5470, 20.4363, -21.5277



220.2640, 13.1808, 19.0625

Sweetspot

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



214.7960, -24.0564, 15.9649



248.8560, -8.3100, 5.3883



188.1990, -1.5771, 39.2905



123.9420, -5.3944, 3.5589



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.



214.7960, -24.0564, 15.9649



230.7660, -31.9296, 21.2532



220.8770, -27.0544, -2.5231



113.9850, -3.9366, 2.6442



131.6030, -64.8803, 43.3212



39.0390, -19.2462, 13.1208

Inverse Universe

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



184.2040, 24.0564, -15.9649



190.2340, 31.9296, -21.2532



178.1230, 27.0544, 2.5231



109.0150, 3.9366, -2.6442



49.3970, 64.8803, -43.3212



14.3740, 19.5356, -12.6060

Previews

White Background



This preview shows how the YUV color 214.7960, -24.0564, 15.9649 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 214.7960, -24.0564, 15.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

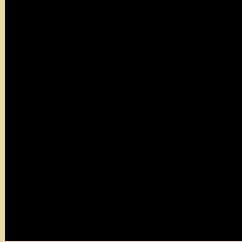
Any Text WCAG AA ✓ Pass

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 214.7960, -24.0564, 15.9649 Background



This preview shows how black text looks on a background with the YUV color 214.7960, -24.0564, 15.9649.



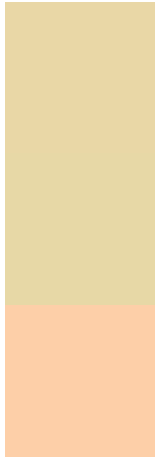
This preview shows how white text looks on a background with the YUV color 214.7960, -24.0564, 15.9649.

15.9649.

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

214.7960, -24.0564, 15.9649

Protanopia

214.7850, -24.0510, 14.2206

Deuteranopia

216.3080, -23.8158, 32.1789



Tritanopia

218.6910, 2.1243, 18.6880

Trichromacy



Original Color

214.7960, -24.0564, 15.9649

Protanomaly

215.0840, -24.1984, 14.8353

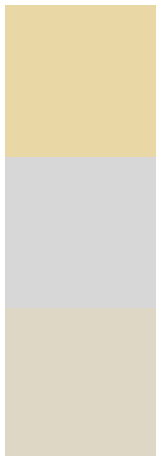
Deuteranomaly

215.8620, -24.0890, 26.4310

Tritanomaly

217.1610, -7.4744, 17.3988

Monochromacy



Original Color

214.7960, -24.0564, 15.9649

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7960, -24.0564, 15.9649 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(233, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 166)  
}
```

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(233, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 166) }
```

Border

The CSS property to change the border of an element to YUV 214.7960, -24.0564, 15.9649 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(233, 215, 166) }
```


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

```
.border{ border-color:rgb(233, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 214.7960, -24.0564, 15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 166) }
```

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

```
.background{ background-color: rgb(233,  
215, 166) }
```

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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