

Converting Colors

YUV(219.6160, -24.4607,
5.5988)

Have a look what the booklet for
YUV(219.6160, -24.4607, 5.5988)
contains.

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Color

**YUV(219.6160, -24.4607,
5.5988)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2AA
RGB	226, 226, 170
RGB Percent	89%, 89%, 67%
CMY	0.1137, 0.1137, 0.3333
CMYK	0.00, 0.00, 0.25, 0.11
HSL	60°, 49%, 78%
HSV	60°, 25%, 89%
XYZ	65.8161, 73.4637, 48.7413
YIQ	219.6160, 17.9760, -17.4160

Conversions

Conversions Part 2

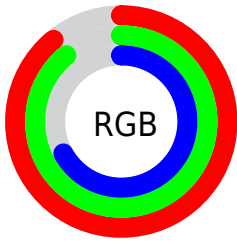
Format	Color
RYB	170, 226, 170
Decimal	14869162
CIELab	88.67, -8.81, 27.47
CIELCh	89, 28.845, 107.773
Yxy	73.4637, 0.3500, 0.3907
Android (android.graphics.Color)	4293059242 (0xFFE2E2AA)
YUV	219.6160, -24.4607, 5.5988
Hunter-Lab	85.7110, -12.9270, 26.2813

Details

The YUV color **219.6160, -24.4607, 5.5988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **176.3840, 24.4607, -5.5988**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.6940, -12.6671, 2.8994**, and **164.5450, -23.4397, 4.7840** is the 20% darker color. If you saturate the color by 10%, you get **216.9940, -34.5070, 7.8983**, and if you desaturate by 10%, it is **222.2380, -14.4143, 3.2993**.

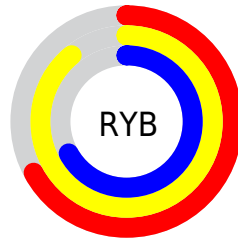
Distribution



Red (89%)

Green (89%)

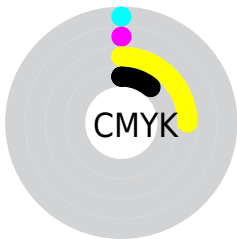
Blue (67%)



Red (67%)

Yellow (89%)

Blue (67%)

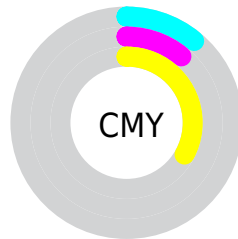


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6160, -24.4607, 5.5988 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 219.6160, -24.4607, 5.5988 by changing the saturation by 10% instead.

■ 219.6160,
-24.4607, 5.5988

■ 219.6160,
-24.4607, 5.5988

255.0000, 0.0000,
0.0000

■ 191.7300,
-24.0239, 5.4988

■ 251.6940,
-12.6671, 2.8994

■ 164.5450,
-23.4397, 4.7840

254.8860, -0.4368,
0.1000

■ 137.7730,
-22.5661, 4.5841

■ 112.5880,
-21.9819, 3.8693

■ 87.8160, -21.1083,
3.6694

■ 63.7450, -20.0873,
2.8546

■ 41.6310, -20.5241,

2.9546

■ 23.0140, -11.3459,
-0.8893

■ 0.0000, 0.0000,
0.0000

■ 219.6160,
-24.4607, 5.5988

■ 219.6160,
-24.4607, 5.5988

■ 216.9940,
-34.5070, 7.8983

■ 222.2380,
-14.4143, 3.2993

■ 214.4860,
-44.1166, 10.0978

■ 224.7460, -4.8048,
1.0998

■ 211.8640,
-54.1630, 12.3973

■ 227.3680, 5.2416,
-1.1997

■ 209.3560,
-63.7725, 14.5968

■ 229.3060, 12.6671,
-2.8994

■ 206.7340,
-73.8189, 16.8963

■ 204.1120,
-83.8652, 19.1958

■ 201.6040,
-93.4748, 21.3953

■ 200.2360,
-98.7163, 22.5950

Harmonies

Analogous

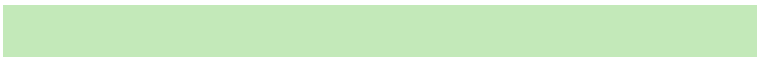
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.5910, -26.4204, 27.5457



219.6160, -24.4607, 5.5988



216.1660, -15.3648, -18.5626

Triad

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



219.6160, -24.4607, 5.5988



211.2670, 21.5604, -55.4852



222.7830, 6.0230, 28.2543

Complementary

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



219.6160, -24.4607, 5.5988



176.3840, 24.4607, -5.5988

Split Complementary

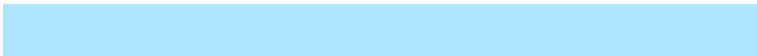
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.1930, 14.2019, 18.2477



219.6160, -24.4607, 5.5988



215.8180, 19.3167, -35.7974

Square

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



219.6160, -24.4607, 5.5988



210.1930, 13.7089, -57.1743



221.0110, 16.7566, -7.9026



219.0040, -5.9180, 31.5685

Rectangle

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



219.6160, -24.4607, 5.5988



213.4720, -6.1487, -34.6169



221.0110, 16.7566, -7.9026



224.3960, 9.6648, 26.8397

Sweetspot

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



219.6160, -24.4607, 5.5988



252.9480, -7.8624, 1.7996



186.7440, -8.2548, 34.4275



126.7460, -4.8048, 1.0998



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.



219.6160, -24.4607, 5.5988



246.3360, -33.1966, 7.5983



211.2440, -20.3333, -11.6150



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



176.3840, 24.4607, -5.5988



187.6640, 33.1966, -7.5983



184.7560, 20.3333, 11.6150



102.2540, 4.8048, -1.0998



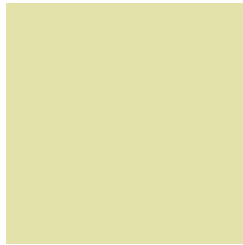
20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 219.6160, -24.4607, 5.5988 looks on a white background.

Color Contrast Check

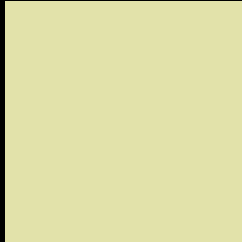
Large Text (above 18pt) WCAG AA × Fail

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 219.6160, -24.4607, 5.5988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

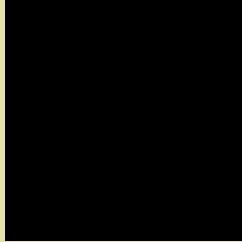
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

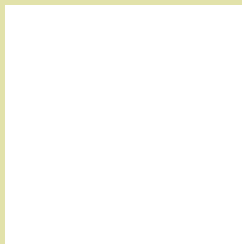
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.6160, -24.4607, 5.5988

Background



This preview shows how black text looks on a background with the YUV color 219.6160, -24.4607, 5.5988.



This preview shows how white text looks on a background with the YUV color 219.6160, -24.4607, 5.5988.

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

219.6160, -24.4607, 5.5988

Protanopia

220.6280, -25.9456, 15.2352

Deuteranopia

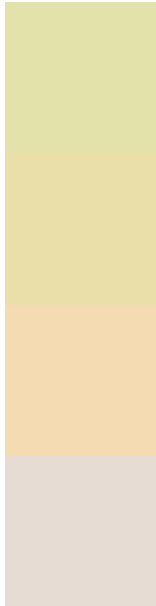
223.1980, -20.3106, 27.8904



Tritanopia

224.1350, 5.3564, 8.6516

Trichromacy



Original Color

219.6160, -24.4607, 5.5988

Protanomaly

220.1330, -25.2086, 12.1614

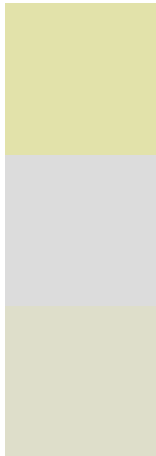
Deuteranomaly

221.8010, -21.5939, 19.4685

Tritanomaly

222.2630, -5.5527, 7.6623

Monochromacy



Original Color

219.6160, -24.4607, 5.5988

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7200, -8.7360, 1.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6160, -24.4607, 5.5988 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, 226, 170)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 170)  
}
```

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, 226, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 170) }
```

Border

The CSS property to change the border of an element to YUV 219.6160, -24.4607, 5.5988 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, 226, 170) }
```


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

```
.border{ border-color:rgb(226, 226, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 170); box-shadow:4px 4px 4px 4px rgb(226, 226, 170) }
```

Background

The CSS property to change the background color of an element to YUV 219.6160, -24.4607, 5.5988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 170) }
```

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

```
.background{ background-color: rgb(226,  
226, 170) }
```

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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