

Converting Colors

YUV(219.9260, -24.6135,
7.9579)

Have a look what the booklet for
YUV(219.9260, -24.6135, 7.9579)
contains.

YUV(219.9260, -24.6135, 7.9579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.9260, -24.6135,
7.9579)**

Conversions

Conversions Part 1	
Format	Color
Hex	E5E1AA
RGB	229, 225, 170
RGB Percent	90%, 88%, 67%
CMY	0.1020, 0.1176, 0.3333
CMYK	0.00, 0.02, 0.26, 0.10
HSL	56°, 53%, 78%
HSV	56°, 26%, 90%
XYZ	66.4940, 73.4107, 48.6953
YIQ	219.9260, 20.0390, -16.2570

Conversions

Conversions Part 2

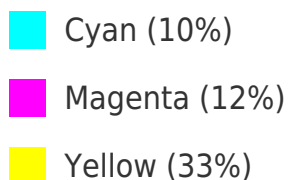
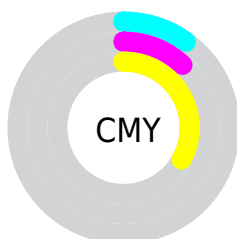
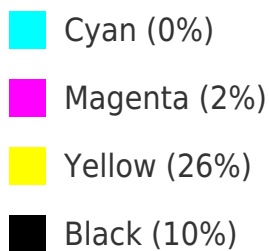
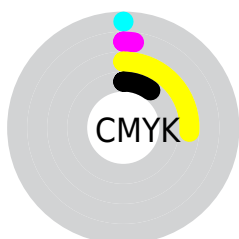
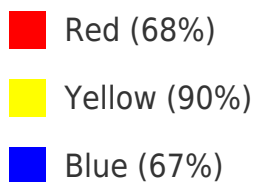
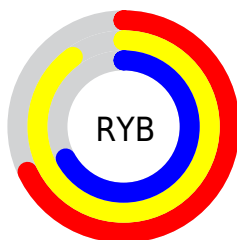
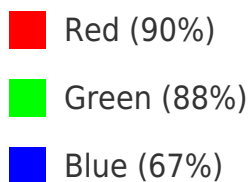
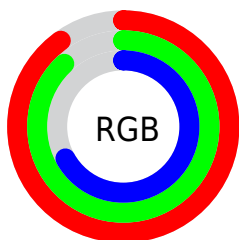
Format	Color
RYB	174, 229, 170
Decimal	15065514
CIELab	88.64, -7.18, 27.47
CIELCh	89, 28.397, 104.652
Yxy	73.4107, 0.3526, 0.3892
Android (android.graphics.Color)	4293255594 (0xFFE5E1AA)
YUV	219.9260, -24.6135, 7.9579
Hunter-Lab	85.6801, -11.4110, 26.2792

Details

The YUV color **219.9260, -24.6135, 7.9579** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179.0740, 24.6135, -7.9579**, 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 **164.8550, -23.5925, 7.1432** is the 20% darker color. If you saturate the color by 10%, you get **216.1300, -34.0811, 11.2870**, and if you desaturate by 10%, it is **223.7220, -15.1459, 4.6288**.

Distribution



Brightness & Saturation Gradients

These gradients show how the YUV color 219.9260, -24.6135, 7.9579 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 219.9260, -24.6135, 7.9579 by changing the saturation by 10% instead.

 219.9260,
-24.6135, 7.9579

 219.9260,
-24.6135, 7.9579

255.0000, 0.0000,
0.0000


 192.0400,
-24.1767, 7.8579


 251.6940,
-12.6671, 2.8994


 164.8550,
-23.5925, 7.1432

254.8860, -0.4368,
0.1000

 138.0830,
-22.7189, 6.9432

 112.8980,
-22.1347, 6.2285

 87.8270, -21.1137,
5.4137

 64.6420, -20.5295,
4.6990

 41.6420, -20.5295,

4.6990

■ 23.0250, -11.3513,
0.8551

■ 0.0000, 0.0000,
0.0000

■ 219.9260,
-24.6135, 7.9579

■ 219.9260,
-24.6135, 7.9579

■ 216.1300,
-34.0811, 11.2870

■ 223.7220,
-15.1459, 4.6288

■ 212.9210,
-43.8381, 14.1013

■ 226.9310, -5.3890,
1.8145

■ 209.1250,
-53.3056, 17.4304

■ 230.7270, 4.0786,
-1.5146

■ 205.9160,
-63.0626, 20.2447

■ 233.1380, 10.7780,
-3.6290

■ 202.1200,
-72.5302, 23.5738

■ 234.3120, 10.1992,
-4.6586

■ 199.0250,
-81.8503, 26.2881

■ 234.8990, 9.9098,
-5.1734

■ 195.2290,
-91.3179, 29.6172

■ 236.0730, 9.3310,
-6.2030

■ 193.5020,
-95.3965, 31.1317

■ 236.6600, 9.0416,
-6.7178

■ 237.8340, 8.4628,
-7.7474

Harmonies

Analogous

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



222.5310, -25.4048, 28.4753



219.9260, -24.6135, 7.9579



216.2480, -16.3913, -16.0035

Triad

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



219.9260, -24.6135, 7.9579



211.2670, 21.5604, -55.4852



223.7120, 7.0440, 27.4396

Complementary

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



219.9260, -24.6135, 7.9579



179.0740, 24.6135, -7.9579

Split Complementary

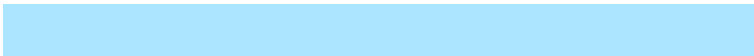
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.5840, 14.5021, 15.2738



219.9260, -24.6135, 7.9579



214.9210, 19.7589, -37.6417

Square

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



219.9260, -24.6135, 7.9579



210.7480, 11.9562, -55.0300



220.4020, 17.0568, -10.8766



219.3460, -4.6076, 31.2686

Rectangle

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



219.9260, -24.6135, 7.9579



214.4400, -7.6119, -31.9579



220.4020, 17.0568, -10.8766



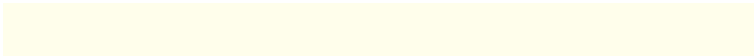
225.2110, 10.2490, 26.1250

Sweetspot

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



219.9260, -24.6135, 7.9579



252.1330, -8.4466, 2.5144



188.2110, -6.5130, 35.7720



125.9310, -5.3890, 1.8145



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

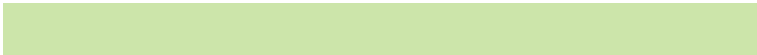
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9260, -24.6135, 7.9579



243.0590, -33.0601, 10.4723



214.7990, -22.0859, -9.4707



113.0450, -4.9522, 1.7145



150.9630, -74.4248, 24.5884



43.4250, -21.4085, 6.6433

Inverse Universe

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



179.0740, 24.6135, -7.9579



187.9410, 33.0601, -10.4723



184.2010, 22.0859, 9.4707



104.9550, 4.9522, -1.7145



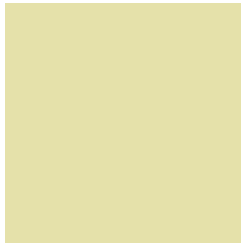
27.4500, 74.7142, -24.0737



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 219.9260, -24.6135, 7.9579 looks on a white background.

Color Contrast Check

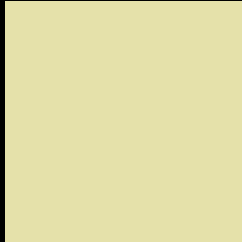
Large Text (above 18pt) WCAG AA × Fail

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 219.9260, -24.6135, 7.9579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

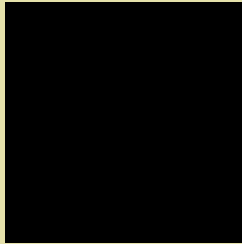
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

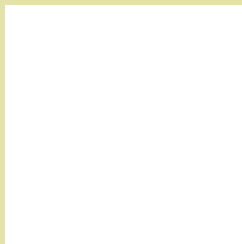
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.9260, -24.6135, 7.9579

Background



This preview shows how black text looks on a background with the YUV color 219.9260, -24.6135, 7.9579.



This preview shows how white text looks on a background with the YUV color 219.9260, -24.6135,

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

219.9260, -24.6135, 7.9579

Protanopia

220.7420, -25.5088, 15.1353

Deuteranopia

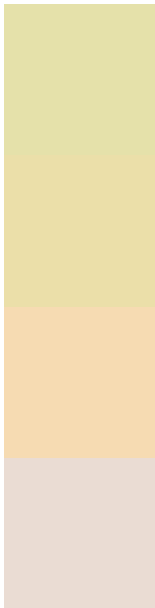
223.1980, -20.3106, 27.8904



Tritanopia

224.9180, 4.4774, 10.5959

Trichromacy



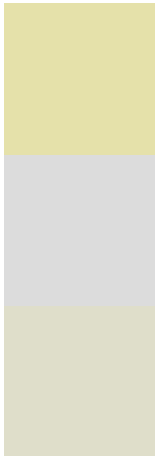
Original Color
219.9260, -24.6135, 7.9579

Protanomaly
220.4320, -25.3560, 12.7761

Deuteranomaly
222.3990, -21.8887, 20.6981

Tritanomaly
223.1600, -5.9949, 9.5067

Monochromacy



Original Color
219.9260, -24.6135, 7.9579

Achromatopsia
220.0000, 0.0000, 0.0000

Achromatomaly
220.0190, -8.8834, 2.6143

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9260, -24.6135, 7.9579 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(229, 225, 170)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 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(229, 225, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 170) }
```

Border

The CSS property to change the border of an element to YUV 219.9260, -24.6135, 7.9579 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(229, 225, 170) }
```


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

```
.border{ border-color:rgb(229, 225, 170) }
```

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

Here you see how a box with a 4 pixel rgb(229, 225, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 219.9260, -24.6135, 7.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 170) }
```

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

```
.background{ background-color: rgb(229,  
225, 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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