

Converting Colors

YUV(219.6360, -21.5125,
-6.6968)

Have a look what the booklet for
YUV(219.6360, -21.5125, -6.6968)
contains.

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Color

**YUV(219.6360, -21.5125,
-6.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8B0
RGB	212, 232, 176
RGB Percent	83%, 91%, 69%
CMY	0.1686, 0.0902, 0.3098
CMYK	0.09, 0.00, 0.24, 0.09
HSL	81°, 55%, 80%
HSV	81°, 24%, 91%
XYZ	63.8445, 74.8449, 52.1558
YIQ	219.6360, 6.0560, -21.6560

Conversions

Conversions Part 2

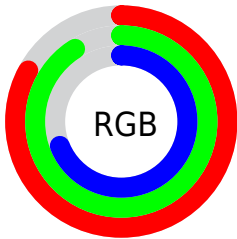
Format	Color
RYB	176, 232, 196
Decimal	13953200
CIELab	89.32, -16.08, 25.10
CIElCh	89, 29.807, 122.640
Yxy	74.8449, 0.3345, 0.3922
Android (android.graphics.Color)	4292143280 (0xFFD4E8B0)
YUV	219.6360, -21.5125, -6.6968
Hunter-Lab	86.5129, -19.6689, 24.8150

Details

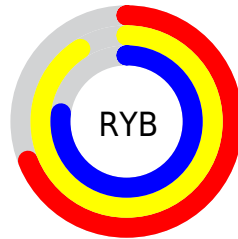
The YUV color **219.6360, -21.5125, -6.6968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **188.3640, 21.5125, 6.6968**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3780, -10.0464, 2.2995**, and **164.2770, -20.3496, -6.3819** is the 20% darker color. If you saturate the color by 10%, you get **214.6220, -30.3796, -9.3155**, and if you desaturate by 10%, it is **224.6500, -12.6455, -4.0781**.

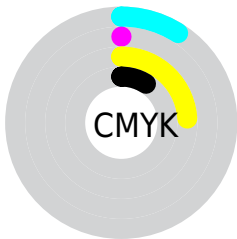
Distribution



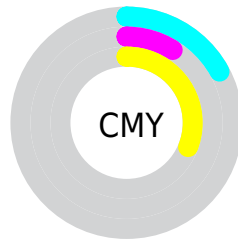
- Red (83%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6360, -21.5125, -6.6968 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 219.6360, -21.5125, -6.6968 by changing the saturation by 10% instead.

■ 219.6360,
-21.5125, -6.6968

■ 219.6360,
-21.5125, -6.6968

255.0000, 0.0000,
0.0000

■ 191.7500,
-21.0757, -6.7967

■ 252.3780,
-10.0464, 2.2995

■ 164.2770,
-20.3496, -6.3819

■ 138.3910,
-19.9128, -6.4819

■ 112.6190,
-19.0392, -6.6819

■ 87.7330, -18.6024,
-6.7818

■ 63.9610, -17.7288,
-6.9818

■ 41.2600, -17.8762,

-6.3670

■ 21.1870, -10.4452,
-9.8110

■ 0.0000, 0.0000,
0.0000

■ 219.6360,
-21.5125, -6.6968

■ 219.6360,
-21.5125, -6.6968

■ 214.6220,
-30.3796, -9.3155

■ 224.6500,
-12.6455, -4.0781

■ 209.3090,
-39.0993, -12.5490

■ 229.9630, -3.9258,
-0.8446

■ 204.1810,
-48.4032, -15.0677

■ 235.0910, 5.3781,
1.6742

■ 199.1670,
-57.2703, -17.6865

■ 238.5090, 8.1301,
5.6926

■ 194.1530,
-66.1374, -20.3052

■ 240.9010, 6.9508,
10.6108

■ 188.8400,
-74.8571, -23.5387

■ 241.4990, 6.6560,
11.8404

■ 183.8260,
-83.7242, -26.1574

■ 180.7350,
-89.1024, -27.8316

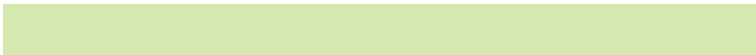
Harmonies

Analogous

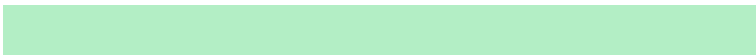
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.7100, -26.9720, 17.7943



219.6360, -21.5125, -6.6968



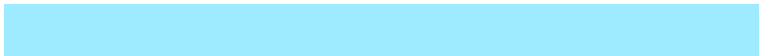
215.6850, -9.2117, -32.1727

Triad

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



219.6360, -21.5125, -6.6968



213.6700, 20.3757, -48.8226



221.4150, 0.7814, 29.4540

Complementary

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



219.6360, -21.5125, -6.6968



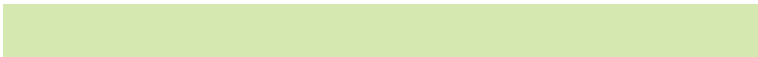
188.3640, 21.5125, 6.6968

Split Complementary

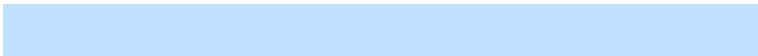
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.9550, 11.8542, 24.5955



219.6360, -21.5125, -6.6968



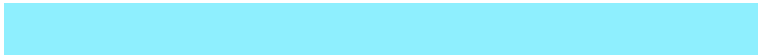
219.4390, 17.5316, -23.1870

Square

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



219.6360, -21.5125, -6.6968



211.7070, 20.8504, -61.1330



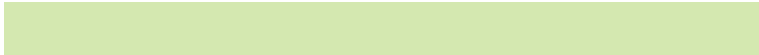
225.2300, 14.6766, 5.9373



219.3970, -12.0277, 31.2238

Rectangle

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



219.6360, -21.5125, -6.6968



213.3440, 1.3094, -46.7827



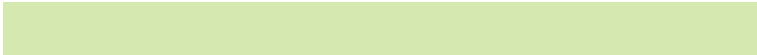
225.2300, 14.6766, 5.9373



222.5550, 5.1494, 28.4543

Sweetspot

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



219.6360, -21.5125, -6.6968



251.1540, -6.9779, -1.8891



204.4840, -14.0426, 24.1315



125.5500, -4.2151, -1.3593



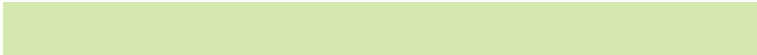
0.0000, 0.0000, 0.0000



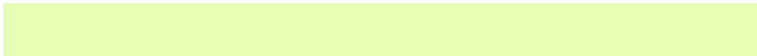
128.0000, 0.0000, 0.0000

Same Dimension

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



219.6360, -21.5125, -6.6968



238.7900, -28.4905, -8.5858



211.2640, -17.3852, -23.9105



112.4360, -4.6519, -1.2594



139.4580, -68.7528, -21.4497



39.8040, -19.6234, -5.9671

Inverse Universe

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



188.3640, 21.5125, 6.6968



197.2100, 28.4905, 8.5858



196.7360, 17.3852, 23.9105



105.5640, 4.6519, 1.2594



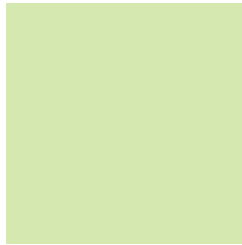
39.5420, 68.7528, 21.4497



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 219.6360, -21.5125, -6.6968 looks on a white background.

Color Contrast Check

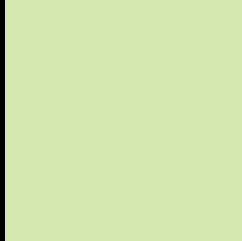
Large Text (above 18pt) WCAG AA × Fail

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 219.6360, -21.5125, -6.6968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

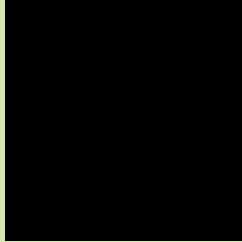
Any Text WCAG AA ✓ Pass

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 219.6360, -21.5125, -6.6968 Background



This preview shows how black text looks on a background with the YUV color 219.6360, -21.5125, -6.6968.



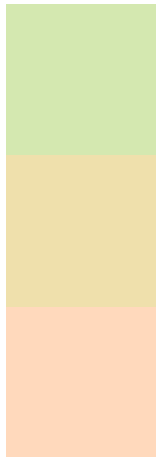
This preview shows how white text looks on a background with the YUV color 219.6360, -21.5125, -6.6968.

-6.6968.

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

219.6360, -21.5125, -6.6968

Protanopia

222.5570, -24.9246, 14.4205

Deuteranopia

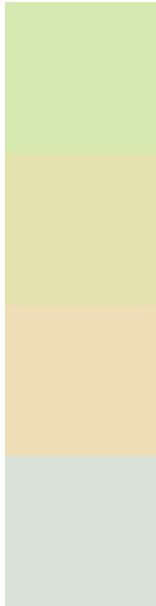
225.0560, -18.2686, 26.2609



Tritanopia

224.4540, 8.1572, -3.0292

Trichromacy



Original Color

219.6360, -21.5125, -6.6968

Protanomaly

221.4420, -23.8819, 6.6284

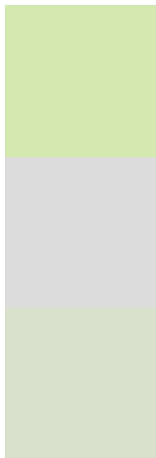
Deuteranomaly

222.7510, -19.1042, 14.2504

Tritanomaly

222.5820, -2.7519, -4.0184

Monochromacy



Original Color

219.6360, -21.5125, -6.6968

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.6270, -7.7041, -2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6360, -21.5125, -6.6968 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(212, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 176)  
}
```

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(212, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 176) }
```

Border

The CSS property to change the border of an element to YUV 219.6360, -21.5125, -6.6968 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(212, 232, 176) }
```


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

```
.border{ border-color:rgb(212, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 219.6360, -21.5125, -6.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 176) }
```

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

```
.background{ background-color: rgb(212,  
232, 176) }
```

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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