

Converting Colors

YUV(221.0590, -16.2981,
0.8253)

Have a look what the booklet for
YUV(221.0590, -16.2981, 0.8253)
contains.

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Color

**YUV(221.0590, -16.2981,
0.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE3BC
RGB	222, 227, 188
RGB Percent	87%, 89%, 74%
CMY	0.1294, 0.1098, 0.2627
CMYK	0.02, 0.00, 0.17, 0.11
HSL	68°, 41%, 81%
HSV	68°, 17%, 89%
XYZ	66.6704, 74.0986, 58.3655
YIQ	221.0590, 9.5390, -13.1890

Conversions

Conversions Part 2

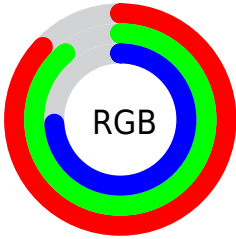
Format	Color
RYB	188, 227, 193
Decimal	14607292
CIELab	88.97, -8.20, 18.52
CIELCh	89, 20.248, 113.875
Yxy	74.0986, 0.3348, 0.3721
Android (android.graphics.Color)	4292797372 (0xFFDEE3BC)
YUV	221.0590, -16.2981, 0.8253
Hunter-Lab	86.0805, -12.3906, 20.0558

Details

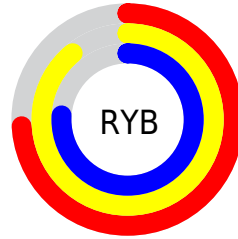
The YUV color $221.0590, -16.2981, 0.8253$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $193.9410, 16.2981, -0.8253$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $166.2870, -15.4245, 0.6253$ is the 20% darker color. If you saturate the color by 10%, you get $217.5400, -25.9022, 1.2804$, and if you desaturate by 10%, it is $224.5780, -6.6940, 0.3701$.

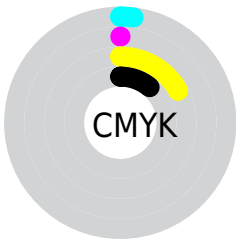
Distribution



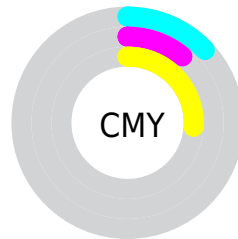
- Red (87%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.0590, -16.2981, 0.8253 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 221.0590, -16.2981, 0.8253 by changing the saturation by 10% instead.

■ 221.0590,
-16.2981, 0.8253

■ 221.0590,
-16.2981, 0.8253

255.0000, 0.0000,
0.0000

■ 193.1730,
-15.8613, 0.7253

■ 253.7460, -4.8048,
1.0998

■ 166.2870,
-15.4245, 0.6253

■ 139.4010,
-14.9877, 0.5253

■ 114.2160,
-14.4035, -0.1894

■ 89.6290, -14.1141,
0.3254

■ 65.8570, -13.2405,
0.1254

■ 43.6720, -12.6563,

-0.5893

■ 23.3130, -11.4933,
-0.2745

■ 0.0000, 0.0000,
0.0000

■ 221.0590,
-16.2981, 0.8253

■ 221.0590,
-16.2981, 0.8253

■ 217.5400,
-25.9022, 1.2804

■ 224.5780, -6.6940,
0.3701

■ 214.1350,
-35.0696, 1.6356

■ 227.9830, 2.4734,
0.0149

■ 210.6160,
-44.6737, 2.0908

■ 231.3880, 11.6407,
-0.3403

■ 207.0970,
-54.2778, 2.5459

■ 232.2850, 11.1985,
1.5041

■ 203.6920,
-63.4452, 2.9011

■ 233.1820, 10.7563,
3.3484

■ 200.4720,
-73.1967, 3.9711

■ 233.7800, 10.4615,
4.5779

■ 196.9530,
-82.8008, 4.4262

■ 234.6770, 10.0192,
6.4223

■ 193.4340,
-92.4050, 4.8814

■ 235.5740, 9.5770,
8.2666

■ 192.4510,
-94.8783, 4.8665

■ 236.4710, 9.1348,
10.1109

Harmonies

Analogous

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



223.4740, -18.9677, 17.1243



221.0590, -16.2981, 0.8253



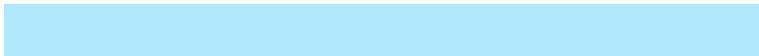
218.7840, -9.2605, -16.4736

Triad

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



221.0590, -16.2981, 0.8253



218.3620, 17.5695, -35.3975



225.5070, 1.2290, 25.8654

Complementary

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



221.0590, -16.2981, 0.8253



193.9410, 16.2981, -0.8253

Split Complementary

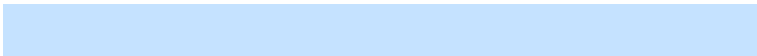
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.9170, 9.4079, 15.8588



221.0590, -16.2981, 0.8253



220.6350, 16.9419, -20.7279

Square

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



221.0590, -16.2981, 0.8253



215.9180, 10.8864, -38.5161



224.5880, 14.9931, -2.2697



223.9280, -7.3595, 27.2501

Rectangle

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



221.0590, -16.2981, 0.8253



217.4390, -2.6814, -26.6950



224.5880, 14.9931, -2.2697



226.8920, 3.9972, 24.6507

Sweetspot

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



221.0590, -16.2981, 0.8253



252.9200, -5.3836, 0.0702



202.5960, -7.1958, 21.4023



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



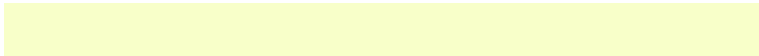
128.0000, 0.0000, 0.0000

Same Dimension

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



221.0590, -16.2981, 0.8253



246.7510, -22.5552, 1.0954



215.3780, -13.4974, -10.8555



113.0340, -4.9468, -0.0298



151.7170, -74.7965, 3.7562



43.0930, -21.2448, 0.7954

Inverse Universe

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



193.9410, 16.2981, -0.8253



209.2490, 22.5552, -1.0954



199.6220, 13.4974, 10.8555



104.9660, 4.9468, 0.0298



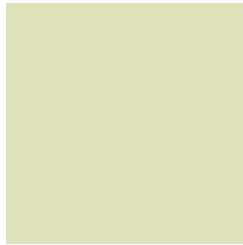
27.2830, 74.7965, -3.7562



7.9070, 21.2448, -0.7954

Previews

White Background



This preview shows how the YUV color 221.0590, -16.2981, 0.8253 looks on a white background.

Color Contrast Check

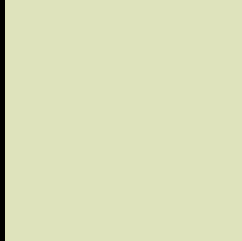
Large Text (above 18pt) WCAG AA × Fail

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 221.0590, -16.2981, 0.8253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

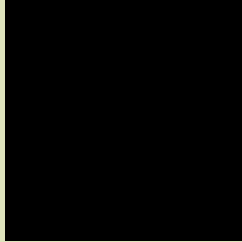
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

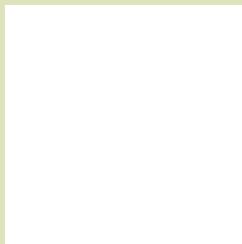
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.0590, -16.2981, 0.8253

Background



This preview shows how black text looks on a background with the YUV color 221.0590, -16.2981, 0.8253.



This preview shows how white text looks on a background with the YUV color 221.0590, -16.2981, 0.8253.

0.8253.

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

221.0590, -16.2981, 0.8253

Protanopia

222.6690, -18.0778, 11.6913

Deuteranopia

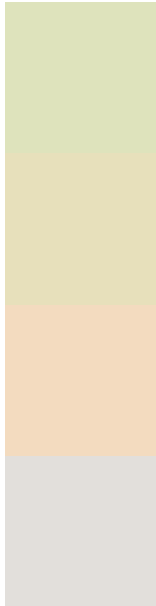
224.3380, -15.9426, 26.8906



Tritanopia

224.6290, 6.0989, 3.8334

Trichromacy



Original Color

221.0590, -16.2981, 0.8253

Protanomaly

221.8750, -17.1934, 8.0026

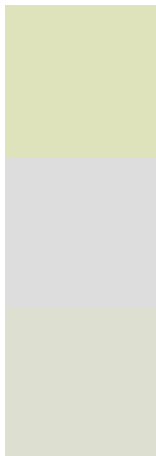
Deuteranomaly

222.9840, -15.7681, 17.5540

Tritanomaly

223.4410, -2.1894, 2.2442

Monochromacy



Original Color

221.0590, -16.2981, 0.8253

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.0590, -16.2981, 0.8253 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, 227, 188)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 188)  
}
```

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, 227, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 188) }
```

Border

The CSS property to change the border of an element to YUV 221.0590, -16.2981, 0.8253 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, 227, 188) }
```


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

```
.border{ border-color:rgb(222, 227, 188) }
```

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

Here you see how a box with a 4 pixel rgb(222, 227, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 188);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 221.0590, -16.2981, 0.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 188) }
```

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

```
.background{ background-color: rgb(222,  
227, 188) }
```

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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