

Converting Colors

YUV(221.3040, -21.3489,
-12.5446)

Have a look what the booklet for
YUV(221.3040, -21.3489, -12.5446)
contains.

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Color

**YUV(221.3040, -21.3489,
-12.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEDB2
RGB	207, 237, 178
RGB Percent	81%, 93%, 70%
CMY	0.1882, 0.0706, 0.3020
CMYK	0.13, 0.00, 0.25, 0.07
HSL	91°, 62%, 81%
HSV	91°, 25%, 93%
XYZ	64.0522, 77.0481, 53.6153
YIQ	221.3040, 1.0590, -24.7090

Conversions

Conversions Part 2

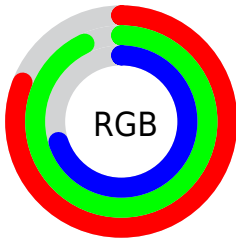
Format	Color
RYB	178, 237, 208
Decimal	13626802
CIELab	90.34, -20.01, 25.42
CIELCh	90, 32.352, 128.216
Yxy	77.0481, 0.3290, 0.3957
Android (android.graphics.Color)	4291816882 (0xFFCFEDB2)
YUV	221.3040, -21.3489, -12.5446
Hunter-Lab	87.7771, -23.3558, 25.2289

Details

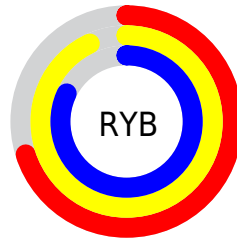
The YUV color $221.3040, -21.3489, -12.5446$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.6960, 21.3489, 12.5446$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, -9.1728, 2.0995$, and $165.9450, -20.1859, -12.2298$ is the 20% darker color. If you saturate the color by 10%, you get $214.9800, -30.0631, -17.5225$, and if you desaturate by 10%, it is $227.6280, -12.6346, -7.5668$.

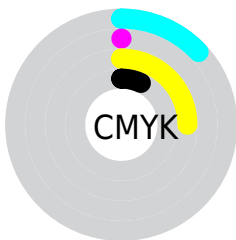
Distribution



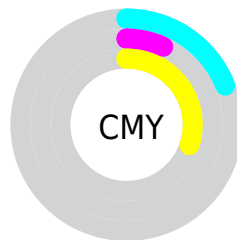
- Red (81%)
- Green (93%)
- Blue (70%)



- Red (70%)
- Yellow (93%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3040, -21.3489, -12.5446 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 221.3040, -21.3489, -12.5446 by changing the saturation by 10% instead.

■ 221.3040,
-21.3489, -12.5446

■ 221.3040,
-21.3489, -12.5446

255.0000, 0.0000,
0.0000

■ 193.4180,
-20.9121, -12.6446

■ 252.6060, -9.1728,
2.0995

■ 165.9450,
-20.1859, -12.2298

■ 139.4720,
-19.4597, -11.8149

■ 113.5860,
-19.0229, -11.9149

■ 89.1130, -18.2967,
-11.5001

■ 65.3410, -17.4231,
-11.7001

■ 42.2270, -17.8599,

-11.6001

■ 21.4530, -10.5763,
-14.4293

■ 1.1740, -0.5788,
-1.0296

■ 221.3040,
-21.3489, -12.5446

■ 221.3040,
-21.3489, -12.5446

■ 214.9800,
-30.0631, -17.5225

■ 227.6280,
-12.6346, -7.5668

■ 208.7700,
-38.3406, -22.6003

■ 233.8380, -4.3571,
-2.4889

■ 202.4460,
-47.0549, -27.5781

■ 240.1620, 4.3571,
2.4889

■ 196.1220,
-55.7691, -32.5560

■ 244.4340, 5.2090,
9.2664

■ 189.7980,
-64.4834, -37.5338

■ 183.5880,
-72.7609, -42.6117

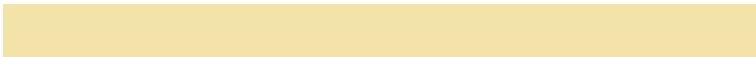
■ 177.2640,
-81.4752, -47.5895

■ 173.8030,
-85.6849, -50.6932

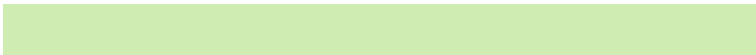
Harmonies

Analogous

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



224.8190, -28.9978, 14.1907



221.3040, -21.3489, -12.5446



217.2110, -7.0060, -39.6500

Triad

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



221.3040, -21.3489, -12.5446



215.7300, 19.3601, -49.7522



221.6600, -0.8184, 29.2392

Complementary

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



221.3040, -21.3489, -12.5446



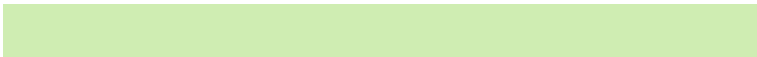
193.6960, 21.3489, 12.5446

Split Complementary

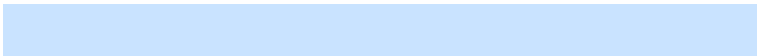
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.9550, 11.8542, 24.5955



221.3040, -21.3489, -12.5446



222.4180, 16.0629, -18.7836

Square

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



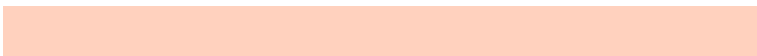
221.3040, -21.3489, -12.5446



212.3750, 21.0141, -66.9809



228.5190, 13.0551, 12.6998



220.5880, -15.0799, 30.1793

Rectangle

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



221.3040, -21.3489, -12.5446



214.5000, 4.6835, -55.6895



228.5190, 13.0551, 12.6998



222.8000, 3.5496, 28.2394

Sweetspot

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



221.3040, -21.3489, -12.5446



250.2570, -6.5357, -3.7334



212.6640, -17.0894, 21.3427



124.9520, -3.9203, -2.5889



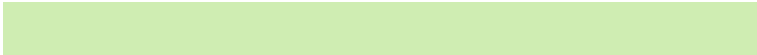
0.0000, 0.0000, 0.0000



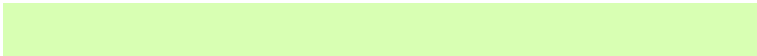
128.0000, 0.0000, 0.0000

Same Dimension

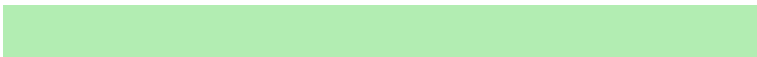
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3040, -21.3489, -12.5446



234.6750, -27.4478, -16.3780



212.6330, -17.0741, -30.3731



113.9520, -3.9203, -2.5889



132.8580, -65.4990, -38.4635



39.4720, -19.4597, -11.8149

Inverse Universe

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



193.6960, 21.3489, 12.5446



199.0260, 27.5952, 15.7632



202.3670, 17.0741, 30.3731



109.0480, 3.9203, 2.5889



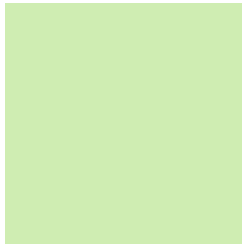
48.1420, 65.4990, 38.4635



14.2290, 19.6071, 11.2002

Previews

White Background



This preview shows how the YUV color 221.3040, -21.3489, -12.5446 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 221.3040, -21.3489, -12.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

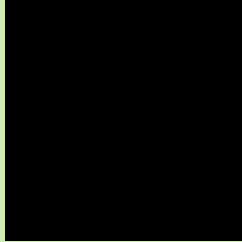
Any Text WCAG AA ✓ Pass

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 221.3040, -21.3489, -12.5446 Background



This preview shows how black text looks on a background with the YUV color 221.3040, -21.3489, -12.5446.



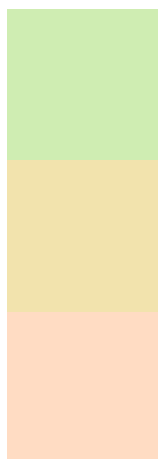
This preview shows how white text looks on a background with the YUV color 221.3040, -21.3489, -12.5446.

-12.5446.

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

221.3040, -21.3489, -12.5446

Protanopia

225.3290, -25.7982, 14.6205

Deuteranopia

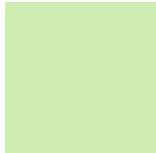
227.6150, -16.0792, 24.0166



Tritanopia

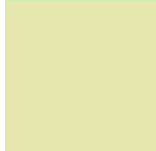
226.7630, 9.4838, -8.5622

Trichromacy



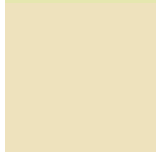
Original Color

221.3040, -21.3489, -12.5446



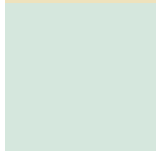
Protanomaly

224.0180, -24.1659, 4.3692



Deuteranomaly

225.3700, -17.9304, 11.0765



Tritanomaly

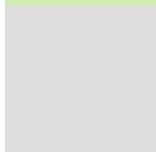
224.4780, -1.7147, -10.0662

Monochromacy



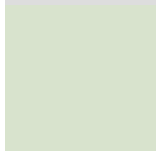
Original Color

221.3040, -21.3489, -12.5446



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.2030, -7.9881, -4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3040, -21.3489, -12.5446 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(207, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 178)  
}
```

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(207, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 178) }
```

Border

The CSS property to change the border of an element to YUV 221.3040, -21.3489, -12.5446 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(207, 237, 178) }
```


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

```
.border{ border-color:rgb(207, 237, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 237, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 237,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 221.3040, -21.3489, -12.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 178) }
```

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

```
.background{ background-color: rgb(207,  
237, 178) }
```

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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