

Converting Colors

YUV(221.1710, -12.9023,
-15.0590)

Have a look what the booklet for
YUV(221.1710, -12.9023, -15.0590)
contains.

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Color

**YUV(221.1710, -12.9023,
-15.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEBC3
RGB	204, 235, 195
RGB Percent	80%, 92%, 76%
CMY	0.2000, 0.0784, 0.2353
CMYK	0.13, 0.00, 0.17, 0.08
HSL	106°, 50%, 84%
HSV	106°, 17%, 92%
XYZ	64.4605, 76.1942, 62.9393
YIQ	221.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

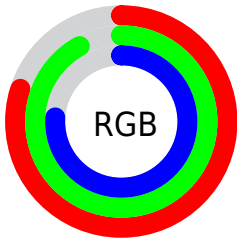
Format	Color
RYB	195, 235, 226
Decimal	13429699
CIELab	89.95, -17.38, 16.07
CIELCh	90, 23.673, 137.254
Yxy	76.1942, 0.3166, 0.3742
Android (android.graphics.Color)	4291619779 (0xFFCCEBC3)
YUV	221.1710, -12.9023, -15.0590
Hunter-Lab	87.2893, -20.9393, 18.3519

Details

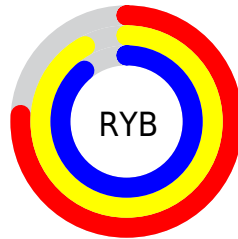
The YUV color **221.1710, -12.9023, -15.0590** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.8290, 12.9023, 15.0590**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.6580, -1.3104, 0.2999**, and **165.9970, -12.3235, -14.0294** is the 20% darker color. If you saturate the color by 10%, you get **213.0530, -20.7321, -23.7255**, and if you desaturate by 10%, it is **229.2890, -5.0725, -6.3925**.

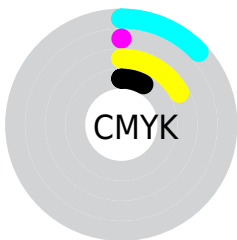
Distribution



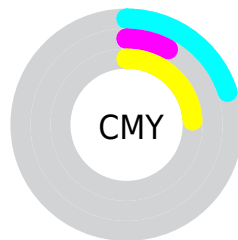
- Red (80%)
- Green (92%)
- Blue (76%)



- Red (76%)
- Yellow (92%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1710, -12.9023, -15.0590 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 221.1710, -12.9023, -15.0590 by changing the saturation by 10% instead.

■ 221.1710,
-12.9023, -15.0590

■ 221.1710,
-12.9023, -15.0590

255.0000, 0.0000,
0.0000

■ 193.2850,
-12.4655, -15.1589

254.6580, -1.3104,
0.2999

■ 165.9970,
-12.3235, -14.0294

■ 139.2250,
-11.4499, -14.2293

■ 113.6380,
-11.1605, -13.7145

■ 89.0510, -10.8711,
-13.1997

■ 65.5780, -10.1450,
-12.7849

■ 42.8060, -9.2714,

-12.9849

■ 22.0620, -10.8766,
-11.4554

■ 0.0000, 0.0000,
0.0000

■ 221.1710,
-12.9023, -15.0590

■ 221.1710,
-12.9023, -15.0590

■ 213.0530,
-20.7321, -23.7255

■ 229.2890, -5.0725,
-6.3925

■ 205.0490,
-28.1252, -32.4920

■ 237.2930, 2.3206,
2.3740

■ 196.6320,
-35.8076, -41.7733

■ 243.2600, 5.7878,
10.2960

■ 188.6280,
-43.2006, -50.5398

■ 180.6240,
-50.5936, -59.3062

■ 172.5060,
-58.4235, -67.9728

■ 164.5020,
-65.8165, -76.7393

■ 156.0850,
-73.4989, -86.0205

■ 153.7920,
-75.8195, -88.3946

Harmonies

Analogous

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



224.0550, -20.2401, 5.2138



221.1710, -12.9023, -15.0590



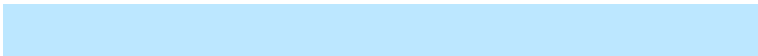
218.6230, -1.7861, -33.8724

Triad

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



221.1710, -12.9023, -15.0590



220.8790, 16.8217, -28.8349



224.4980, -5.1755, 26.7503

Complementary

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



221.1710, -12.9023, -15.0590



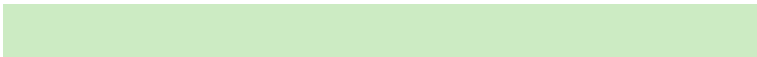
208.8290, 12.9023, 15.0590

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.



227.1200, 4.8708, 24.4508



221.1710, -12.9023, -15.0590



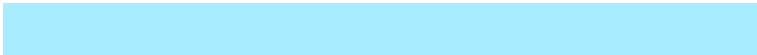
225.7400, 14.4252, -6.7880

Square

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



221.1710, -12.9023, -15.0590



218.4210, 18.0334, -44.2192



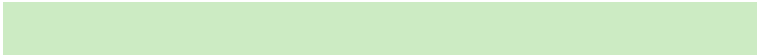
229.4160, 12.6129, 14.5442



224.5660, -15.0690, 26.6906

Rectangle

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



221.1710, -12.9023, -15.0590



217.1580, 6.8241, -42.2346



229.4160, 12.6129, 14.5442



224.7090, -1.8285, 26.5652

Sweetspot

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



221.1710, -12.9023, -15.0590



250.5280, -4.2043, -4.8481



225.1570, -14.8674, 8.6323



125.2940, -2.6099, -2.8888



0.0000, 0.0000, 0.0000



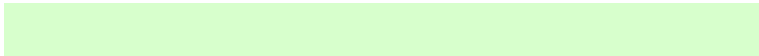
128.0000, 0.0000, 0.0000

Same Dimension

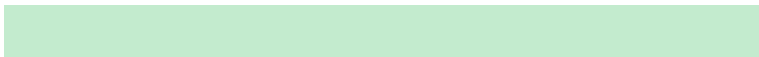
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.1710, -12.9023, -15.0590



237.2260, -16.3804, -19.4922



219.7340, -6.7709, -21.6917



113.0550, -3.4781, -4.4332



118.5060, -58.4235, -67.9728



35.2860, -17.3960, -20.4218

Inverse Universe

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



208.8290, 12.9023, 15.0590



221.7740, 16.3804, 19.4922



210.2660, 6.7709, 21.6917



109.9450, 3.4781, 4.4332



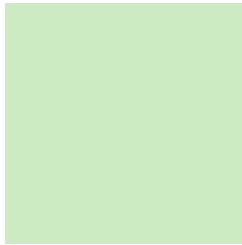
62.4940, 58.4235, 67.9728



18.7140, 17.3960, 20.4218

Previews

White Background



This preview shows how the YUV color 221.1710, -12.9023, -15.0590 looks on a white background.

Color Contrast Check

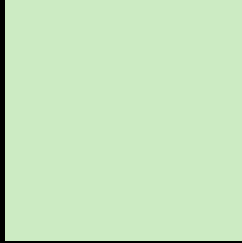
Large Text (above 18pt) WCAG AA × Fail

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 221.1710, -12.9023, -15.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

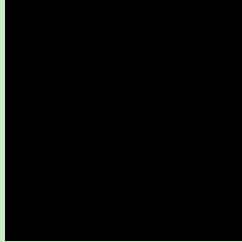
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

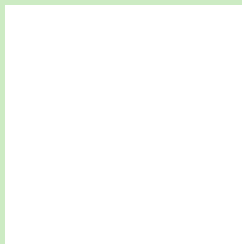
Any Text WCAG AAA ✓ Pass

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

YUV 221.1710, -12.9023, -15.0590 Background



This preview shows how black text looks on a background with the YUV color 221.1710, -12.9023, -15.0590.



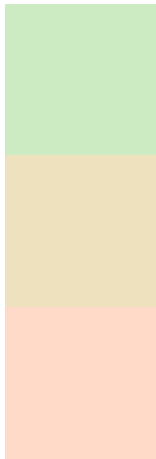
This preview shows how white text looks on a background with the YUV color 221.1710, -12.9023, -15.0590.

-15.0590.

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

221.1710, -12.9023, -15.0590

Protanopia

224.8970, -17.2042, 11.4913

Deuteranopia

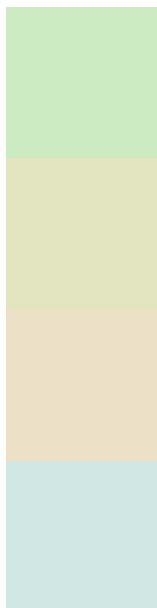
227.1250, -12.8796, 24.4464



Tritanopia

225.2680, 10.2209, -11.6360

Trichromacy



Original Color

221.1710, -12.9023, -15.0590

Protanomaly

223.8850, -15.7193, 1.8549

Deuteranomaly

224.7380, -12.6888, 9.8768

Tritanomaly

223.9660, 1.4958, -13.1252

Monochromacy



Original Color

221.1710, -12.9023, -15.0590

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1710, -12.9023, -15.0590 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(204, 235, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 235, 195)  
}
```

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(204, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 235, 195) }
```

Border

The CSS property to change the border of an element to YUV 221.1710, -12.9023, -15.0590 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(204, 235, 195) }
```


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

```
.border{ border-color:rgb(204, 235, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 235, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 235,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 221.1710, -12.9023, -15.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 235, 195) }
```

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

```
.background{ background-color: rgb(204,  
235, 195) }
```

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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