

Converting Colors

YUV(215.4320, -12.0450,
-10.0259)

Have a look what the booklet for
YUV(215.4320, -12.0450, -10.0259)
contains.

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Color

**YUV(215.4320, -12.0450,
-10.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2BF
RGB	204, 226, 191
RGB Percent	80%, 89%, 75%
CMY	0.2000, 0.1137, 0.2510
CMYK	0.10, 0.00, 0.15, 0.11
HSL	98°, 38%, 82%
HSV	98°, 15%, 89%
XYZ	61.5022, 70.9917, 59.7515
YIQ	215.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

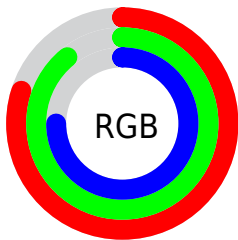
Format	Color
RYB	191, 226, 213
Decimal	13427391
CIELab	87.48, -13.57, 14.67
CIELCh	87, 19.987, 132.763
Yxy	70.9917, 0.3199, 0.3693
Android (android.graphics.Color)	4291617471 (0xFFCCE2BF)
YUV	215.4320, -12.0450, -10.0259
Hunter-Lab	84.2566, -17.1548, 16.9334

Details

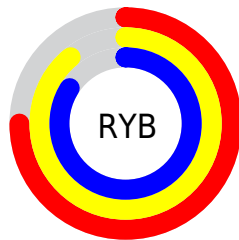
The YUV color $215.4320, -12.0450, -10.0259$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $201.5680, 12.0450, 10.0259$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $160.9590, -11.3188, -9.6110$ is the 20% darker color. If you saturate the color by 10%, you get $208.6240, -20.0276, -16.3332$, and if you desaturate by 10%, it is $222.2400, -4.0623, -3.7185$.

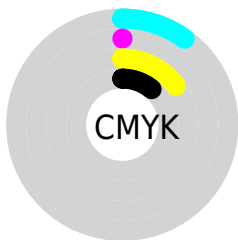
Distribution



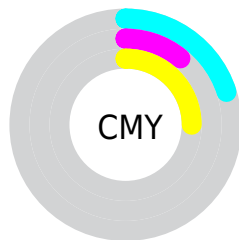
- Red (80%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4320, -12.0450, -10.0259 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 215.4320, -12.0450, -10.0259 by changing the saturation by 10% instead.

■ 215.4320,
-12.0450, -10.0259

■ 215.4320,
-12.0450, -10.0259

255.0000, 0.0000,
0.0000

■ 187.5460,
-11.6082, -10.1258

■ 254.0880, -3.4944,
0.7998

■ 160.9590,
-11.3188, -9.6110

■ 134.3720,
-11.0294, -9.0962

■ 108.8990,
-10.3032, -8.6814

■ 84.6000, -10.1558,
-9.2962

■ 61.1270, -9.4296,
-8.8814

■ 39.5400, -9.1402,

-8.3666

■ 17.9420, -8.8454,
-9.5961

■ 0.0000, 0.0000,
0.0000

■ 215.4320,
-12.0450, -10.0259

■ 215.4320,
-12.0450, -10.0259

■ 208.6240,
-20.0276, -16.3332

■ 222.2400, -4.0623,
-3.7185

■ 201.9300,
-27.5735, -22.7406

■ 228.9340, 3.4835,
2.6889

■ 194.8230,
-35.4087, -29.6628

■ 235.5850, 9.5716,
10.0110

■ 188.1290,
-42.9546, -36.0701

■ 237.9770, 8.3923,
14.9292

■ 181.3210,
-50.9373, -42.3775

■ 174.5130,
-58.9199, -48.6849

■ 167.8190,
-66.4658, -55.0923

■ 160.7120,
-74.3010, -62.0144

■ 157.7780,
-77.7846, -64.7033

Harmonies

Analogous

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



218.0490, -17.7722, 6.9730



215.4320, -12.0450, -10.0259



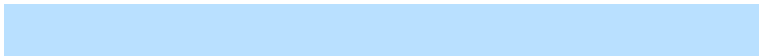
213.0370, -2.9762, -25.4654

Triad

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



215.4320, -12.0450, -10.0259



215.8730, 19.2896, -27.0756



221.3350, -4.6022, 29.5242

Complementary

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



215.4320, -12.0450, -10.0259



201.5680, 12.0450, 10.0259

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.



222.8920, 3.9972, 24.6507



215.4320, -12.0450, -10.0259



219.5270, 17.4882, -9.2322

Square

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



215.4320, -12.0450, -10.0259



213.3680, 15.1016, -37.1567



222.2690, 12.1924, 9.4111



221.0440, -13.3327, 29.7794

Rectangle

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



215.4320, -12.0450, -10.0259



212.1160, 3.8868, -33.4277



222.2690, 12.1924, 9.4111



222.0190, -1.9814, 28.9243

Sweetspot

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



215.4320, -12.0450, -10.0259



251.1260, -4.4991, -3.6185



214.3790, -11.5258, 10.1916



125.5930, -2.7573, -2.2741



0.0000, 0.0000, 0.0000



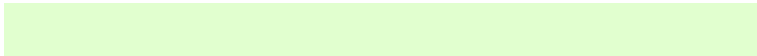
128.0000, 0.0000, 0.0000

Same Dimension

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



215.4320, -12.0450, -10.0259



240.5580, -16.5441, -13.6444



212.0010, -8.3815, -18.4179



108.6530, -3.7729, -3.2037



122.7470, -60.5143, -50.6441



33.5580, -16.5441, -13.6444

Inverse Universe

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



201.5680, 12.0450, 10.0259



221.4420, 16.5441, 13.6444



204.9990, 8.3815, 18.4179



104.3470, 3.7729, 3.2037



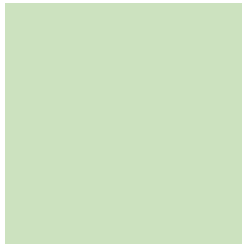
53.2530, 60.5143, 50.6441



14.4420, 16.5441, 13.6444

Previews

White Background



This preview shows how the YUV color 215.4320, -12.0450, -10.0259 looks on a white background.

Color Contrast Check

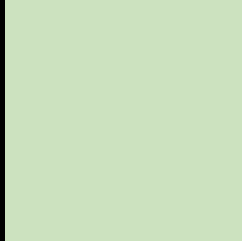
Large Text (above 18pt) WCAG AA × Fail

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 215.4320, -12.0450, -10.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

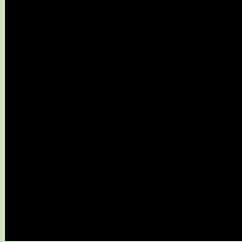
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

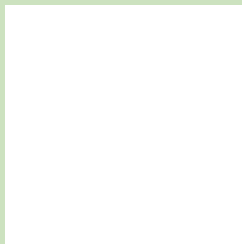
Any Text WCAG AAA ✓ Pass

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

YUV 215.4320, -12.0450, -10.0259 Background



This preview shows how black text looks on a background with the YUV color 215.4320, -12.0450, -10.0259.



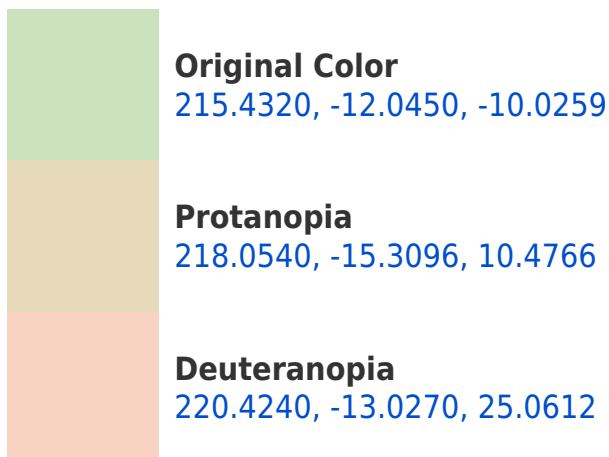
This preview shows how white text looks on a background with the YUV color 215.4320, -12.0450, -10.0259.

-10.0259.

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

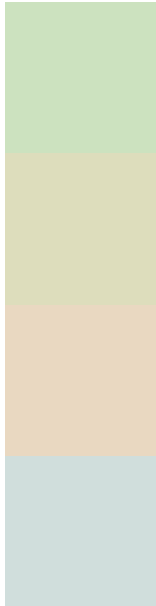




Tritanopia

219.2470, 8.7522, -7.2326

Trichromacy



Original Color

215.4320, -12.0450, -10.0259

Protanomaly

217.2380, -14.4143, 3.2993

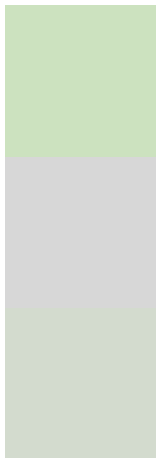
Deuteranomaly

218.4610, -12.5523, 12.7507

Tritanomaly

217.5860, 1.1901, -8.4069

Monochromacy



Original Color

215.4320, -12.0450, -10.0259

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4320, -12.0450, -10.0259 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, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 191)  
}
```

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, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 191) }
```

Border

The CSS property to change the border of an element to YUV 215.4320, -12.0450, -10.0259 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, 226, 191) }
```


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

```
.border{ border-color:rgb(204, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 215.4320, -12.0450, -10.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 191) }
```

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

```
.background{ background-color: rgb(204,  
226, 191) }
```

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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