

Converting Colors

YUV(214.9750, -12.3127,
-17.5181)

Have a look what the booklet for
YUV(214.9750, -12.3127, -17.5181)
contains.

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Color

**YUV(214.9750, -12.3127,
-17.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E6BE
RGB	195, 230, 190
RGB Percent	76%, 90%, 75%
CMY	0.2353, 0.0980, 0.2549
CMYK	0.15, 0.00, 0.17, 0.10
HSL	113°, 44%, 82%
HSV	113°, 17%, 90%
XYZ	60.0968, 71.9134, 59.4284
YIQ	214.9750, -8.0200, -19.8600

Conversions

Conversions Part 2

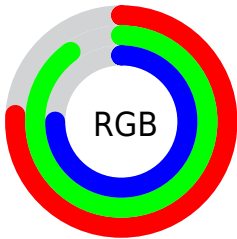
Format	Color
RYB	190, 230, 225
Decimal	12838590
CIELab	87.93, -18.81, 15.74
CIElCh	88, 24.527, 140.085
Yxy	71.9134, 0.3139, 0.3756
Android (android.graphics.Color)	4291028670 (0xFFC3E6BE)
YUV	214.9750, -12.3127, -17.5181
Hunter-Lab	84.8018, -21.9050, 17.8113

Details

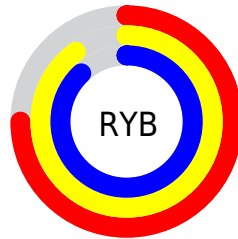
The YUV color **214.9750, -12.3127, -17.5181** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.0250, 12.3127, 17.5181**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.0770, -3.4890, -0.9445**, and **159.9150, -11.2971, -16.5885** is the 20% darker color. If you saturate the color by 10%, you get **206.3730, -19.4109, -27.5141**, and if you desaturate by 10%, it is **223.5770, -5.2145, -7.5220**.

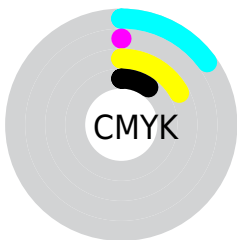
Distribution



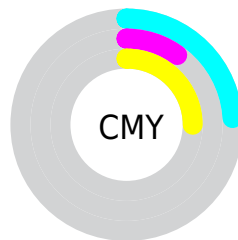
- Red (76%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (88%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.9750, -12.3127, -17.5181 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 214.9750, -12.3127, -17.5181 by changing the saturation by 10% instead.

■ 214.9750,
-12.3127, -17.5181

■ 214.9750,
-12.3127, -17.5181

255.0000, 0.0000,
0.0000

■ 187.3880,
-12.0233, -17.0033

■ 253.0770, -3.4890,
-0.9445

■ 159.9150,
-11.2971, -16.5885

■ 133.9150,
-11.2971, -16.5885

■ 108.4420,
-10.5709, -16.1736

■ 83.8550, -10.2815,
-15.6588

■ 60.3820, -9.5553,
-15.2440

■ 37.6100, -8.6817,

-15.4440

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 214.9750,
-12.3127, -17.5181

■ 214.9750,
-12.3127, -17.5181

■ 206.3730,
-19.4109, -27.5141

■ 223.5770, -5.2145,
-7.5220

■ 197.7710,
-26.5091, -37.5102

■ 232.1790, 1.8838,
2.4740

■ 189.1690,
-33.6073, -47.5062

■ 240.3250, 7.2348,
12.8700

■ 180.2680,
-40.5581, -58.1170

■ 171.6660,
-47.6563, -68.1131

■ 163.0640,
-54.7546, -78.1091

■ 154.4620,
-61.8528, -88.1052

■ 145.8600,
-68.9510, -98.1012

■ 143.6810,
-70.8347, -100.5752

Harmonies

Analogous

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



218.0440, -20.2347, 3.4694



214.9750, -12.3127, -17.5181



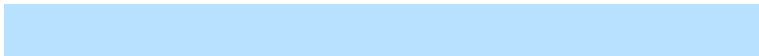
212.0680, -0.0335, -36.0166

Triad

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



214.9750, -12.3127, -17.5181



216.1610, 19.1476, -28.2052



220.0640, -6.9336, 30.6389

Complementary

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



214.9750, -12.3127, -17.5181



205.0250, 12.3127, 17.5181

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.



222.6860, 3.1128, 28.3394



214.9750, -12.3127, -17.5181



220.4350, 17.0405, -5.6435

Square

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



214.9750, -12.3127, -17.5181



212.8060, 20.8016, -45.4339



224.5410, 13.0443, 16.1885



220.1320, -16.8271, 30.5792

Rectangle

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



214.9750, -12.3127, -17.5181



211.1900, 8.2873, -44.8936



224.5410, 13.0443, 16.1885



220.2750, -3.5866, 30.4538

Sweetspot

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



214.9750, -12.3127, -17.5181



250.2290, -4.0569, -5.4628



222.5050, -16.0250, 6.5731



124.9950, -2.4625, -3.5036



0.0000, 0.0000, 0.0000



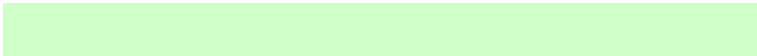
128.0000, 0.0000, 0.0000

Same Dimension

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



214.9750, -12.3127, -17.5181



234.7910, -16.6590, -23.4957



215.1900, -5.0237, -22.0916



110.6420, -3.7675, -4.9480



111.6510, -55.0439, -78.6239



31.7310, -15.6434, -22.5661

Inverse Universe

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



205.0250, 12.3127, 17.5181



221.2090, 16.6590, 23.4957



204.8100, 5.0237, 22.0916



107.3580, 3.7675, 4.9480



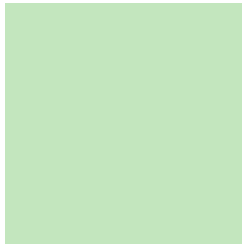
67.0500, 55.1913, 78.0092



19.2690, 15.6434, 22.5661

Previews

White Background



This preview shows how the YUV color 214.9750, -12.3127, -17.5181 looks on a white background.

Color Contrast Check

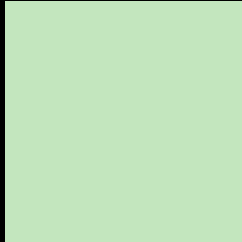
Large Text (above 18pt) WCAG AA × Fail

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 214.9750, -12.3127, -17.5181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

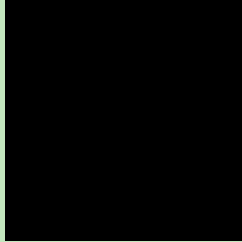
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

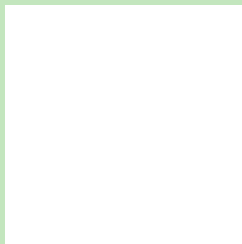
Any Text WCAG AAA ✓ Pass

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

YUV 214.9750, -12.3127, -17.5181 Background



This preview shows how black text looks on a background with the YUV color 214.9750, -12.3127, -17.5181.



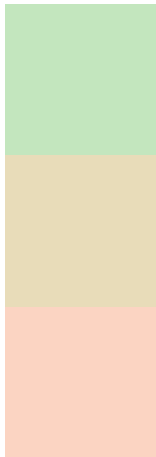
This preview shows how white text looks on a background with the YUV color 214.9750, -12.3127, -17.5181.

-17.5181.

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

214.9750, -12.3127, -17.5181

Protanopia

219.5980, -17.0568, 10.8766

Deuteranopia

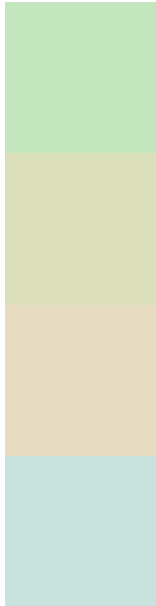
221.6090, -13.6112, 25.7759



Tritanopia

219.0720, 10.8105, -14.0951

Trichromacy



Original Color

214.9750, -12.3127, -17.5181

Protanomaly

218.2870, -15.4245, 0.6253

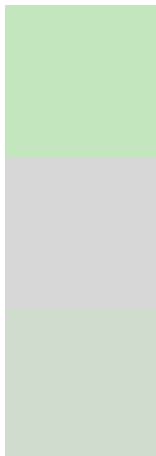
Deuteranomaly

219.6240, -13.1256, 9.9768

Tritanomaly

217.7700, 2.0854, -15.5843

Monochromacy



Original Color

214.9750, -12.3127, -17.5181

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9750, -12.3127, -17.5181 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(195, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 230, 190)  
}
```

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(195, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 190) }
```

Border

The CSS property to change the border of an element to YUV 214.9750, -12.3127, -17.5181 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(195, 230, 190) }
```


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

```
.border{ border-color:rgb(195, 230, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 230, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 230,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 214.9750, -12.3127, -17.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 230, 190) }
```

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

```
.background{ background-color: rgb(195,  
230, 190) }
```

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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