

Converting Colors

YUV(212.5170, -7.6499,
-19.7474)

Have a look what the booklet for
YUV(212.5170, -7.6499, -19.7474)
contains.

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Color

**YUV(212.5170, -7.6499,
-19.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE3C5
RGB	190, 227, 197
RGB Percent	75%, 89%, 77%
CMY	0.2549, 0.1098, 0.2275
CMYK	0.16, 0.00, 0.13, 0.11
HSL	131°, 40%, 82%
HSV	131°, 16%, 89%
XYZ	58.7823, 69.9165, 63.2204
YIQ	212.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

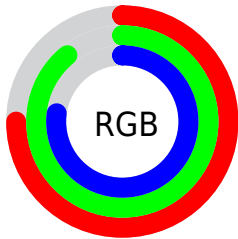
Format	Color
RYB	190, 221, 227
Decimal	12510149
CIELab	86.96, -17.78, 10.66
CIELCh	87, 20.729, 149.056
Yxy	69.9165, 0.3063, 0.3643
Android (android.graphics.Color)	4290700229 (0xFFBEE3C5)
YUV	212.5170, -7.6499, -19.7474
Hunter-Lab	83.6161, -20.8422, 13.7033

Details

The YUV color $212.5170, -7.6499, -19.7474$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $204.4830, 7.6499, 19.7474$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4940, 0.7425, -4.8182$, and $157.9300, -7.3605, -19.2326$ is the 20% darker color. If you saturate the color by 10%, you get $203.5880, -12.1219, -32.0877$, and if you desaturate by 10%, it is $221.4460, -3.1779, -7.4071$.

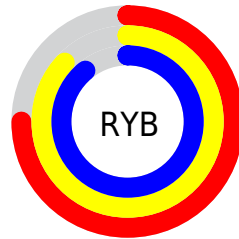
Distribution



Red (75%)

Green (89%)

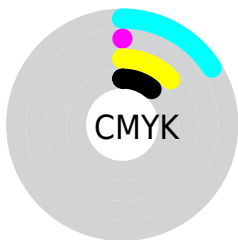
Blue (77%)



Red (75%)

Yellow (87%)

Blue (89%)

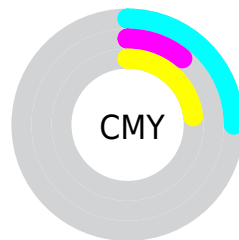


Cyan (16%)

Magenta (0%)

Yellow (13%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5170, -7.6499, -19.7474 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 212.5170, -7.6499, -19.7474 by changing the saturation by 10% instead.

 212.5170, -7.6499,
-19.7474

 212.5170, -7.6499,
-19.7474


255.0000, 0.0000,
0.0000

 184.9300, -7.3605,
-19.2326


 252.4940, 0.7425,
-4.8182

 157.9300, -7.3605,
-19.2326

 131.7560, -6.7817,
-18.2030

 106.1690, -6.4923,
-17.6882

 81.5820, -6.2029,
-17.1734

 58.6960, -5.7661,
-17.2734

 35.9240, -4.8925,

-17.4733

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 212.5170, -7.6499,
-19.7474

■ 212.5170, -7.6499,
-19.7474

■ 203.5880,
-12.1219, -32.0877

■ 221.4460, -3.1779,
-7.4071

■ 194.8440,
-17.1781, -43.7132

■ 230.1900, 1.8783,
4.2184

■ 185.9150,
-21.6501, -56.0535

■ 238.2220, 6.7926,
14.7143

■ 176.8720,
-26.5589, -68.2937

■ 238.5640, 8.1029,
14.4144

■ 168.2420,
-31.1783, -80.0192

■ 159.3130,
-35.6503, -92.3595

■ 150.2700,
-40.5591, -104.5998

■ 141.3410,
-45.0311, -116.9401

■ 138.1510,
-46.9094, -121.1584

Harmonies

Analogous

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



214.5640, -15.5611, -2.2486



212.5170, -7.6499, -19.7474



210.4750, 2.7238, -33.7426

Triad

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



212.5170, -7.6499, -19.7474



216.5150, 18.9731, -18.8687



219.3800, -9.5543, 31.2387

Complementary

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



212.5170, -7.6499, -19.7474



204.4830, 7.6499, 19.7474

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.



220.9590, -0.9658, 29.8540



212.5170, -7.6499, -19.7474



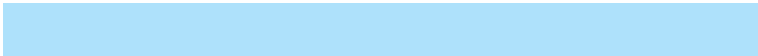
219.8380, 15.8559, 1.0191

Square

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



212.5170, -7.6499, -19.7474



212.7150, 18.8745, -33.9531



221.2980, 8.2341, 19.0327



219.4090, -16.9636, 27.7053

Rectangle

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



212.5170, -7.6499, -19.7474



210.2770, 9.7234, -38.8309



221.2980, 8.2341, 19.0327



219.4770, -6.6442, 31.1537

Sweetspot

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



212.5170, -7.6499, -19.7474



249.9730, -2.4517, -6.9923



220.6890, -15.1297, -0.6043



124.8100, -1.8783, -4.2184



0.0000, 0.0000, 0.0000



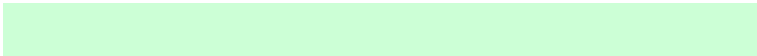
128.0000, 0.0000, 0.0000

Same Dimension

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



212.5170, -7.6499, -19.7474



235.0770, -10.3910, -27.2545



214.5690, 0.2125, -21.5470



110.2720, -2.5991, -6.3775



108.9490, -36.9499, -95.5483



31.0770, -10.3910, -27.2545

Inverse Universe

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



204.4830, 7.6499, 19.7474



223.9230, 10.3910, 27.2545



202.4310, -0.2125, 21.5470



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 212.5170, -7.6499, -19.7474 looks on a white background.

Color Contrast Check

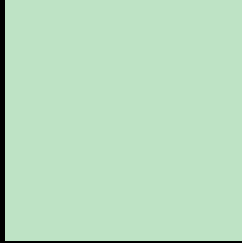
Large Text (above 18pt) WCAG AA × Fail

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 212.5170, -7.6499, -19.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

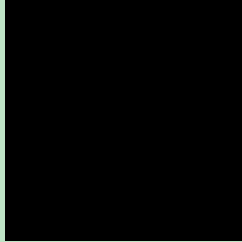
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

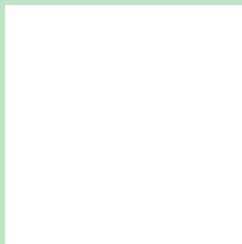
Any Text WCAG AAA ✓ Pass

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

YUV 212.5170, -7.6499, -19.7474 Background



This preview shows how black text looks on a background with the YUV color 212.5170, -7.6499, -19.7474.



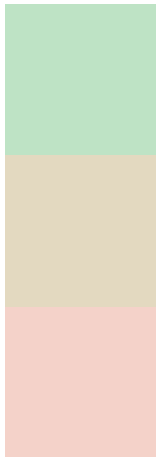
This preview shows how white text looks on a background with the YUV color 212.5170, -7.6499, -19.7474.

-19.7474.

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

212.5170, -7.6499, -19.7474

Protanopia

217.1400, -12.3940, 8.6472

Deuteranopia

219.1400, -8.9430, 21.8022



Tritanopia

215.8760, 11.4001, -16.5543

Trichromacy



Original Color

212.5170, -7.6499, -19.7474

Protanomaly

215.8290, -10.7617, -1.6040

Deuteranomaly

216.5680, -8.1680, 6.5179

Tritanomaly

214.4430, 4.7116, -17.9285

Monochromacy



Original Color

212.5170, -7.6499, -19.7474

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8590, -2.8885, -6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5170, -7.6499, -19.7474 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(190, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 227, 197)  
}
```

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(190, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 227, 197) }
```

Border

The CSS property to change the border of an element to YUV 212.5170, -7.6499, -19.7474 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(190, 227, 197) }
```


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

```
.border{ border-color:rgb(190, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 227,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 212.5170, -7.6499, -19.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 227, 197) }
```

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

```
.background{ background-color: rgb(190,  
227, 197) }
```

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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