

Converting Colors

YUV(210.0300, -19.2418,
-35.1063)

Have a look what the booklet for
YUV(210.0300, -19.2418, -35.1063)
contains.

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Color

**YUV(210.0300, -19.2418,
-35.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEAB
RGB	170, 238, 171
RGB Percent	67%, 93%, 67%
CMY	0.3333, 0.0667, 0.3294
CMYK	0.29, 0.00, 0.28, 0.07
HSL	121°, 67%, 80%
HSV	121°, 29%, 93%
XYZ	54.5028, 72.6354, 49.6755
YIQ	210.0300, -19.0210, -35.2530

Conversions

Conversions Part 2

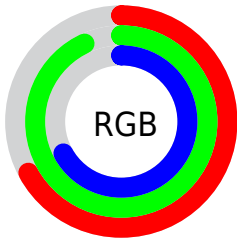
Format	Color
RYB	170, 237, 238
Decimal	11202219
CIELab	88.27, -34.06, 25.82
CIELCh	88, 42.737, 142.837
Yxy	72.6354, 0.3082, 0.4108
Android (android.graphics.Color)	4289392299 (0xFFAAEEAB)
YUV	210.0300, -19.2418, -35.1063
Hunter-Lab	85.2264, -34.9944, 25.1004

Details

The YUV color $210.0300, -19.2418, -35.1063$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $197.9700, 19.2418, 35.1063$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4360, -8.1029, -14.4144$, and $154.9700, -18.2262, -34.1767$ is the 20% darker color. If you saturate the color by 10%, you get $200.2320, -25.7504, -47.5615$, and if you desaturate by 10%, it is $219.8280, -12.7332, -22.6512$.

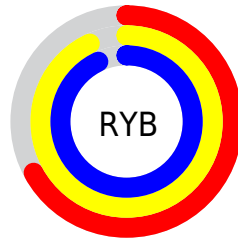
Distribution



Red (67%)

Green (93%)

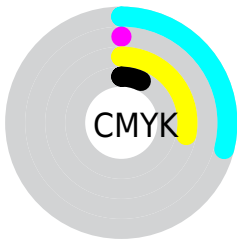
Blue (67%)



Red (67%)

Yellow (93%)

Blue (93%)

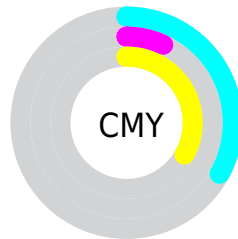


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0300, -19.2418, -35.1063 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 210.0300, -19.2418, -35.1063 by changing the saturation by 10% instead.

■ 210.0300,
-19.2418, -35.1063

■ 210.0300,
-19.2418, -35.1063

255.0000, 0.0000,
0.0000

■ 182.4430,
-18.9524, -34.5915

■ 243.4360, -8.1029,
-14.4144

■ 154.9700,
-18.2262, -34.1767

■ 128.1980,
-17.3526, -34.3766

■ 101.8390,
-16.1896, -34.0618

■ 76.7680, -15.1686,
-34.8765

■ 49.0060, -12.8210,
-41.2243

■ 32.2850, -15.9165,

-28.3139

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 210.0300,
-19.2418, -35.1063

■ 210.0300,
-19.2418, -35.1063

■ 200.2320,
-25.7504, -47.5615

■ 219.8280,
-12.7332, -22.6512

■ 190.3200,
-32.6958, -59.9166

■ 229.7400, -5.7878,
-10.2960

■ 180.8210,
-39.3518, -71.7570

■ 239.2390, 0.8682,
1.5444

■ 170.9090,
-46.2971, -84.1122

■ 245.0210, 4.9196,
8.7516

■ 161.1110,
-52.8057, -96.5673

■ 151.1990,
-59.7511, -108.9225

■ 141.4010,
-66.2597, -121.3777

■ 140.0480,
-67.5647, -122.8221

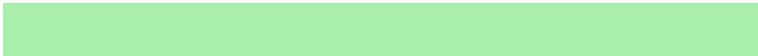
Harmonies

Analogous

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



215.8360, -34.9221, 1.0208



210.0300, -19.2418, -35.1063



202.1620, 3.8641, -72.9331

Triad

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



210.0300, -19.2418, -35.1063



207.1580, 23.5861, -51.8816



210.8370, -9.2866, 38.7310

Complementary

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



210.0300, -19.2418, -35.1063



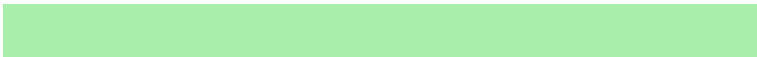
197.9700, 19.2418, 35.1063

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.



214.9240, 8.9115, 35.1467



210.0300, -19.2418, -35.1063



218.9620, 17.7667, -5.2287

Square

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



210.0300, -19.2418, -35.1063



194.4900, 29.8314, -95.1457



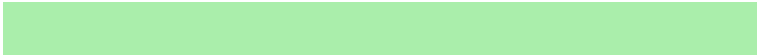
222.7150, 15.9165, 28.3139



212.8310, -27.0317, 36.9822

Rectangle

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



210.0300, -19.2418, -35.1063



196.3730, 20.5221, -95.9201



222.7150, 15.9165, 28.3139



211.1450, -3.0295, 38.4608

Sweetspot

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



210.0300, -19.2418, -35.1063



245.5010, -6.6560, -11.8404



230.2480, -29.7023, 6.7985



121.9190, -3.9041, -7.8220



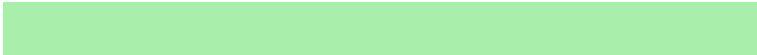
0.0000, 0.0000, 0.0000



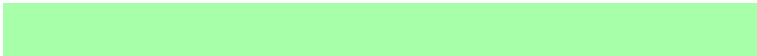
128.0000, 0.0000, 0.0000

Same Dimension

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



210.0300, -19.2418, -35.1063



219.2970, -24.3034, -44.9875



213.7920, -4.8275, -38.4056



115.0440, -3.4727, -6.1776



108.3500, -51.9375, -95.0229



32.9860, -15.7691, -28.9287

Inverse Universe

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



197.9700, 19.2418, 35.1063



203.8170, 24.7402, 44.8875



194.2080, 4.8275, 38.4056



112.9560, 3.4727, 6.1776



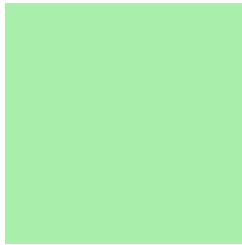
75.6500, 51.9375, 95.0229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 210.0300, -19.2418, -35.1063 looks on a white background.

Color Contrast Check

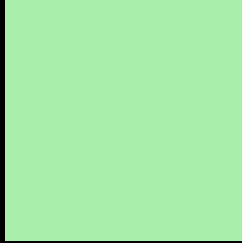
Large Text (above 18pt) WCAG AA × Fail

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 210.0300, -19.2418, -35.1063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

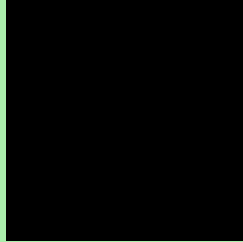
Any Text WCAG AA ✓ Pass

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 210.0300, -19.2418, -35.1063 Background



This preview shows how black text looks on a background with the YUV color 210.0300, -19.2418, -35.1063.



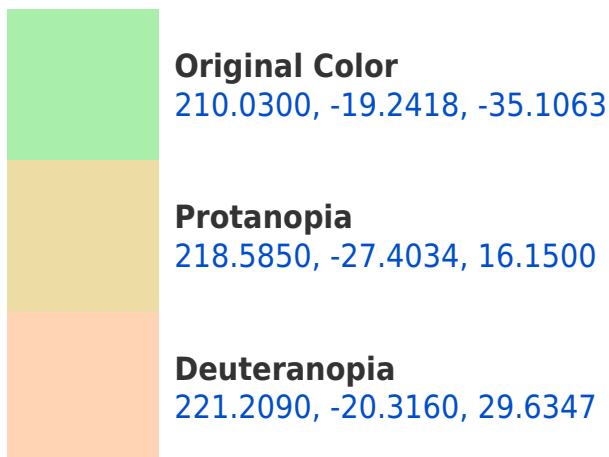
This preview shows how white text looks on a background with the YUV color 210.0300, -19.2418, -35.1063.

-35.1063.

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

216.8960, 14.3483, -28.8498

Trichromacy



Original Color

210.0300, -19.2418, -35.1063



Protanomaly

215.8600, -24.5810, -2.5082



Deuteranomaly

216.8810, -19.6613, 6.2434



Tritanomaly

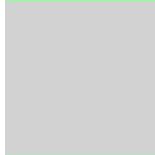
214.6710, 2.1342, -31.2835

Monochromacy



Original Color

210.0300, -19.2418, -35.1063



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.7890, -6.7980, -12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0300, -19.2418, -35.1063 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(170, 238, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 171)  
}
```

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(170, 238, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 171) }
```

Border

The CSS property to change the border of an element to YUV 210.0300, -19.2418, -35.1063 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(170, 238, 171) }
```


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

```
.border{ border-color:rgb(170, 238, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 210.0300, -19.2418, -35.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 171) }
```

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

```
.background{ background-color: rgb(170,  
238, 171) }
```

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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