

Converting Colors

YUV(210.8510, 19.3005,
-30.5643)

Have a look what the booklet for
YUV(210.8510, 19.3005, -30.5643)
contains.

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Color

**YUV(210.8510, 19.3005,
-30.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DDFA
RGB	176, 221, 250
RGB Percent	69%, 87%, 98%
CMY	0.3098, 0.1333, 0.0196
CMYK	0.30, 0.12, 0.00, 0.02
HSL	204°, 88%, 84%
HSV	204°, 30%, 98%
XYZ	61.0163, 67.8451, 100.3220
YIQ	210.8510, -36.1290, -0.5210

Conversions

Conversions Part 2

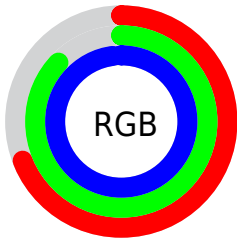
Format	Color
R _Y B	176, 204, 250
Decimal	11591162
CIE Lab	85.93, -8.02, -18.88
CIE LCh	86, 20.509, 246.972
Yxy	67.8451, 0.2662, 0.2960
Android (android.graphics.Color)	4289781242 (0xFFB0DDFA)
YUV	210.8510, 19.3005, -30.5643
Hunter-Lab	82.3682, -11.9160, -14.5558

Details

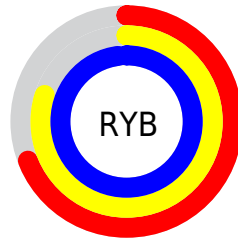
The YUV color $210.8510, 19.3005, -30.5643$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $215.1490, -19.3005, 30.5643$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $155.6230, 18.4269, -30.3644$ is the 20% darker color. If you saturate the color by 10%, you get $197.5060, 25.8795, -40.7858$, and if you desaturate by 10%, it is $224.1960, 12.7214, -20.3429$.

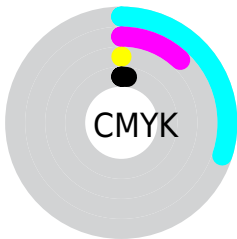
Distribution



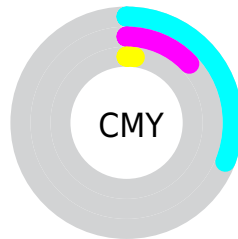
- Red (69%)
- Green (87%)
- Blue (98%)



- Red (69%)
- Yellow (80%)
- Blue (98%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.8510, 19.3005, -30.5643 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 210.8510, 19.3005, -30.5643 by changing the saturation by 10% instead.

■ 210.8510, 19.3005,
-30.5643

■ 210.8510, 19.3005,
-30.5643

255.0000, 0.0000,
0.0000

■ 182.7370, 18.8637,
-30.4643

■ 248.4220, 3.2430,
-13.5251

■ 155.6230, 18.4269,
-30.3644

■ 129.5090, 17.9901,
-30.2644

■ 103.5090, 17.9901,
-30.2644

■ 78.3840, 17.5587,
-31.9088

■ 51.9920, 18.7379,
-36.8270

■ 33.3520, 16.0955,

-29.2497

■ 19.1040, 12.2737,
-16.7542

■ 3.2090, 9.7570,
-2.8143

■ 210.8510, 19.3005,
-30.5643

■ 210.8510, 19.3005,
-30.5643

■ 197.5060, 25.8795,
-40.7858

■ 224.1960, 12.7214,
-20.3429

■ 184.1610, 32.4586,
-51.0072

■ 237.5410, 6.1423,
-10.1215

■ 171.4030, 38.7483,
-61.7434

■ 250.2990, -0.1474,
0.6148

■ 158.0580, 45.3274,
-71.9649

■ 254.4300, -2.1840,
0.4999

■ 144.7130, 51.9065,
-82.1863

■ 131.3680, 58.4856,
-92.4077

■ 118.0230, 65.0647,
-102.6292

■ 117.7240, 65.2121,
-103.2439

Harmonies

Analogous

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



208.1290, 14.2334, -38.7011



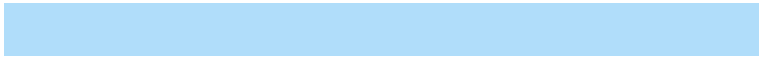
210.8510, 19.3005, -30.5643



214.5480, 18.9568, -13.6356

Triad

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



210.8510, 19.3005, -30.5643



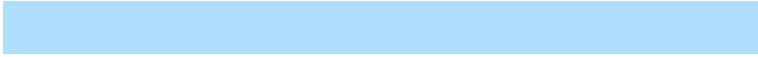
218.2860, -3.5920, 32.1982



211.6990, -13.6556, -6.7520

Complementary

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



210.8510, 19.3005, -30.5643



215.1490, -19.3005, 30.5643

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.



213.8430, -18.6566, 10.6617



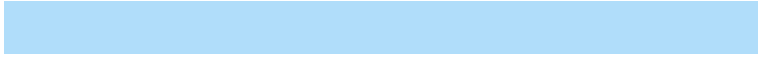
210.8510, 19.3005, -30.5643



216.9950, -12.3225, 32.4534

Square

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



210.8510, 19.3005, -30.5643



218.3370, 5.7499, 22.5065



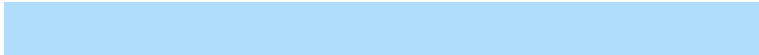
216.1590, -17.8264, 24.4166



209.1790, -5.0182, -23.8360

Rectangle

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



210.8510, 19.3005, -30.5643



216.8270, 15.8613, -0.7253



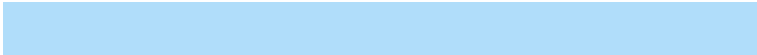
216.1590, -17.8264, 24.4166



212.1620, -15.8559, -1.0191

Sweetspot

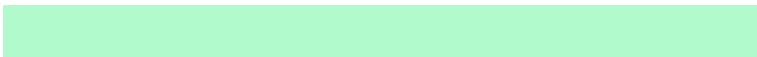
The Sweet Spot groups the original color and five complimentary colors.



210.8510, 19.3005, -30.5643



242.8400, 5.9949, -9.5067



222.6300, -9.1846, -40.8945



119.9930, 3.9475, -6.1329



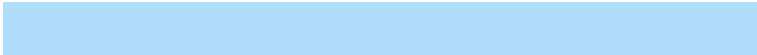
0.0000, 0.0000, 0.0000



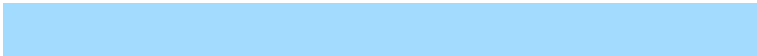
128.0000, 0.0000, 0.0000

Same Dimension

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



210.8510, 19.3005, -30.5643



206.3600, 23.9795, -38.0267



189.7190, 29.7185, -12.0316



118.1780, 3.3632, -5.4181



89.0510, 49.2749, -78.0977



28.6730, 15.9372, -25.1462

Inverse Universe

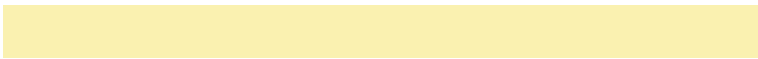
The Inverse Universe completely reimagines the original color for something new.



203.2560, 8.7478, 40.9945



196.8920, 10.8992, 50.9607



236.2810, -29.7185, 12.0316



116.7990, 1.5781, 7.1923



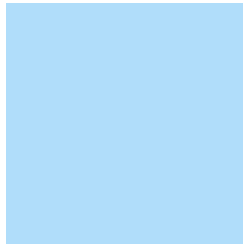
69.6210, 22.3718, 104.6954



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 210.8510, 19.3005, -30.5643 looks on a white background.

Color Contrast Check

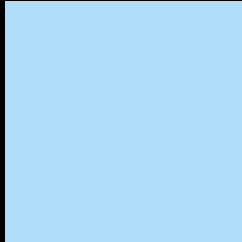
Large Text (above 18pt) WCAG AA × Fail

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 210.8510, 19.3005, -30.5643 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

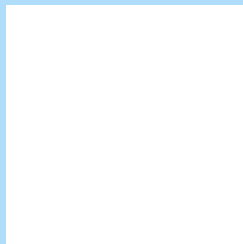
Any Text WCAG AAA ✓ Pass

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

YUV 210.8510, 19.3005, -30.5643 Background



This preview shows how black text looks on a background with the YUV color 210.8510, 19.3005, -30.5643.



This preview shows how white text looks on a background with the YUV color 210.8510, 19.3005, -30.5643.

-30.5643.

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

210.8510, 19.3005, -30.5643

Protanopia

215.4520, 14.5672, -5.6584

Deuteranopia

216.2940, 17.6031, 0.6192



Tritanopia

210.2870, 14.6485, -31.8237

Trichromacy



Original Color

210.8510, 19.3005, -30.5643

Protanomaly

213.8530, 16.3415, -14.7801

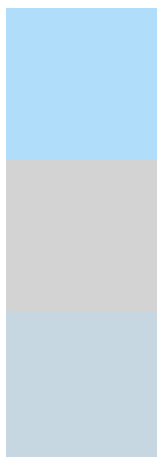
Deuteranomaly

214.0430, 18.2198, -10.5617

Tritanomaly

210.4550, 16.5377, -31.0940

Monochromacy



Original Color

210.8510, 19.3005, -30.5643

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.8510, 19.3005, -30.5643 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(176, 221, 250)` looks like.

```
.text, #text, p{  
    color:rgb(176, 221, 250)  
}
```

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(176, 221, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 221, 250) }
```

Border

The CSS property to change the border of an element to YUV 210.8510, 19.3005, -30.5643 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(176, 221, 250) }
```


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

```
.border{ border-color:rgb(176, 221, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 221, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 221, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 221, 250);  
box-shadow:4px 4px 4px 4px rgb(176, 221,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 210.8510, 19.3005, -30.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 221, 250) }
```

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

```
.background{ background-color: rgb(176,  
221, 250) }
```

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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