

Converting Colors

YUV(210.3630, 16.0900,
-27.5054)

Have a look what the booklet for
YUV(210.3630, 16.0900, -27.5054)
contains.

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Color

**YUV(210.3630, 16.0900,
-27.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DCF3
RGB	179, 220, 243
RGB Percent	70%, 86%, 95%
CMY	0.2980, 0.1373, 0.0471
CMYK	0.26, 0.09, 0.00, 0.05
HSL	202°, 73%, 83%
HSV	202°, 26%, 95%
XYZ	60.3613, 67.2412, 94.5915
YIQ	210.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

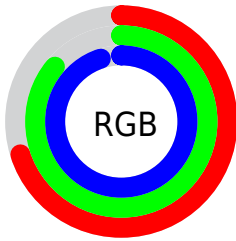
Format	Color
R _Y B	179, 204, 243
Decimal	11787507
CIE Lab	85.63, -8.26, -15.62
CIE LCh	86, 17.671, 242.117
Yxy	67.2412, 0.2717, 0.3026
Android (android.graphics.Color)	4289977587 (0xFFB3DCF3)
YUV	210.3630, 16.0900, -27.5054
Hunter-Lab	82.0007, -12.1062, -10.9932

Details

The YUV color **210.3630, 16.0900, -27.5054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211.6370, -16.0900, 27.5054**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, 2.8007, -11.6808**, and **155.5480, 15.5058, -26.7906** is the 20% darker color. If you saturate the color by 10%, you get **197.9040, 22.2323, -37.6268**, and if you desaturate by 10%, it is **222.8220, 9.9478, -17.3839**.

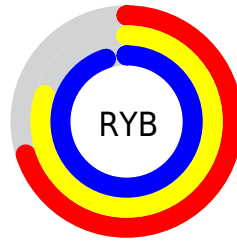
Distribution



Red (70%)

Green (86%)

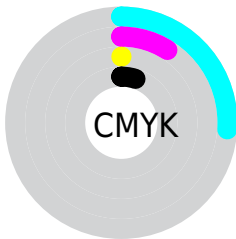
Blue (95%)



Red (70%)

Yellow (80%)

Blue (95%)

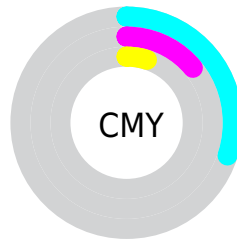


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3630, 16.0900, -27.5054 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 210.3630, 16.0900, -27.5054 by changing the saturation by 10% instead.

■ 210.3630, 16.0900,
-27.5054

■ 210.3630, 16.0900,
-27.5054

255.0000, 0.0000,
0.0000

■ 182.6620, 15.9426,
-26.8906

■ 249.3190, 2.8007,
-11.6808

■ 155.5480, 15.5058,
-26.7906

■ 129.4340, 15.0690,
-26.6906

■ 103.4340, 15.0690,
-26.6906

■ 78.9070, 14.3428,
-27.1054

■ 53.7110, 14.9325,
-29.5645

■ 32.1950, 14.2009,

-28.2350

■ 17.9470, 10.3791,
-15.7395

■ 2.6390, 7.5730,
-2.3144

■ 210.3630, 16.0900,
-27.5054

■ 210.3630, 16.0900,
-27.5054

■ 197.9040, 22.2323,
-37.6268

■ 222.8220, 9.9478,
-17.3839

■ 185.7330, 28.2326,
-48.8778

■ 234.9930, 3.9475,
-6.1329

■ 173.2740, 34.3749,
-58.9993

■ 247.4520, -2.1948,
3.9886

■ 160.8150, 40.5172,
-69.1208

■ 253.6320, -5.2416,
1.1997

■ 148.3560, 46.6595,
-79.2422

■ 136.1850, 52.6598,
-90.4932

■ 123.7260, 58.8021,
-100.6147

■ 119.2740, 60.9969,
-104.6033

Harmonies

Analogous

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



208.3640, 11.1595, -32.7682



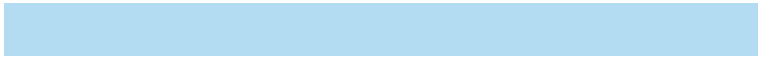
210.3630, 16.0900, -27.5054



213.2660, 16.6309, -14.2653

Triad

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



210.3630, 16.0900, -27.5054



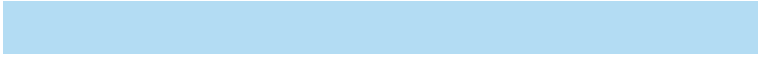
217.5950, -2.2653, 26.6652



211.3620, -12.5035, -2.9485

Complementary

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



210.3630, 16.0900, -27.5054



211.6370, -16.0900, 27.5054

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.



213.2390, -15.8938, 11.1914



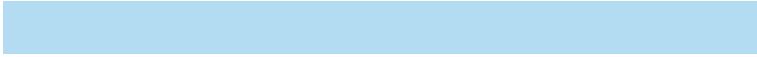
210.3630, 16.0900, -27.5054



216.6570, -9.6909, 28.3648

Square

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



210.3630, 16.0900, -27.5054



217.4180, 6.2029, 17.1734



215.2450, -14.9108, 22.5871



209.3970, -5.6187, -17.8882

Rectangle

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



210.3630, 16.0900, -27.5054



215.1750, 14.7037, -2.7845



215.2450, -14.9108, 22.5871



212.2270, -14.4089, 1.5549

Sweetspot

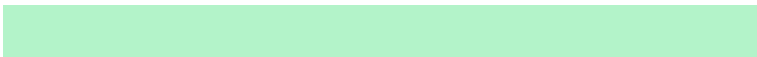
The Sweet Spot groups the original color and five complimentary colors.



210.3630, 16.0900, -27.5054



244.9110, 4.9739, -8.6919



219.0760, -8.9115, -35.1467



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



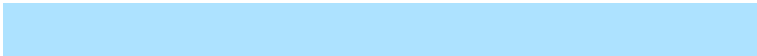
128.0000, 0.0000, 0.0000

Same Dimension

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



210.3630, 16.0900, -27.5054



213.4590, 20.4797, -35.4825



192.1660, 25.0612, -11.5466



116.0640, 2.9264, -5.3181



91.0570, 46.8069, -79.8570



29.0320, 14.7742, -25.4611

Inverse Universe

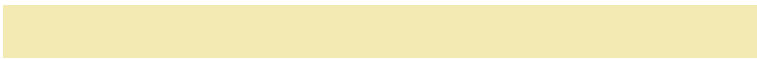
The Inverse Universe completely reimagines the original color for something new.



202.8100, 8.4747, 35.2466



203.5600, 11.0629, 45.1129



229.8340, -25.0612, 11.5466



114.5000, 1.7255, 6.5775



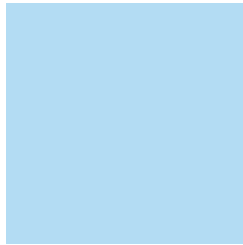
69.1800, 24.5613, 102.4511



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 210.3630, 16.0900, -27.5054 looks on a white background.

Color Contrast Check

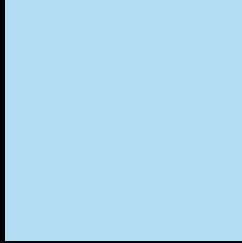
Large Text (above 18pt) WCAG AA × Fail

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 210.3630, 16.0900, -27.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

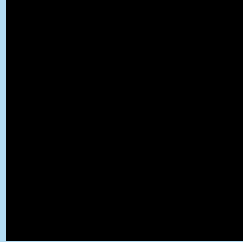
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

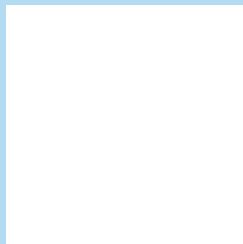
Any Text WCAG AAA ✓ Pass

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

YUV 210.3630, 16.0900, -27.5054 Background



This preview shows how black text looks on a background with the YUV color 210.3630, 16.0900, -27.5054.



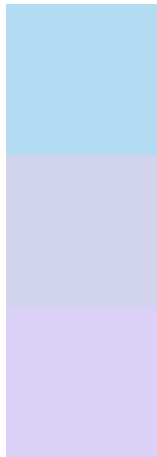
This preview shows how white text looks on a background with the YUV color 210.3630, 16.0900, -27.5054.

-27.5054.

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

210.3630, 16.0900, -27.5054

Protanopia

214.3660, 11.6516, -3.8290

Deuteranopia

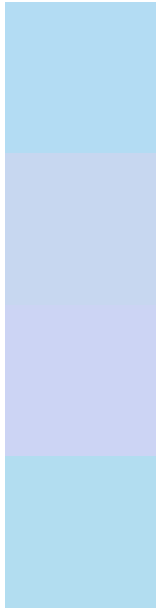
215.5070, 14.5400, 3.0634



Tritanopia

210.0810, 13.7641, -28.1350

Trichromacy



Original Color

210.3630, 16.0900, -27.5054

Protanomaly

213.0660, 13.2785, -12.3359

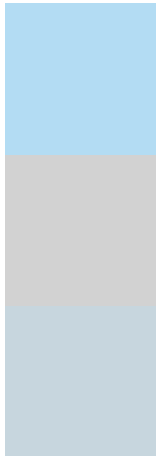
Deuteranomaly

213.2560, 15.1568, -8.1175

Tritanomaly

210.3090, 14.6377, -28.3350

Monochromacy



Original Color

210.3630, 16.0900, -27.5054

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.4270, 5.7055, -10.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3630, 16.0900, -27.5054 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(179, 220, 243)` looks like.

```
.text, #text, p{  
    color:rgb(179, 220, 243)  
}
```

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(179, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 220, 243) }
```

Border

The CSS property to change the border of an element to YUV 210.3630, 16.0900, -27.5054 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

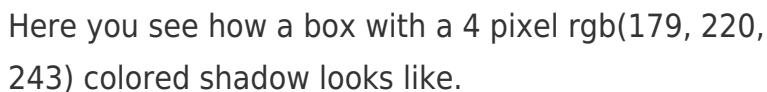
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 220, 243) }
```


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

```
.border{ border-color:rgb(179, 220, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 220, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 220, 243); box-shadow:4px 4px 4px 4px rgb(179, 220, 243) }
```

Background

The CSS property to change the background color of an element to YUV 210.3630, 16.0900, -27.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 220, 243) }
```

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

```
.background{ background-color: rgb(179,  
220, 243) }
```

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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