

Converting Colors

YUV(214.8730, 19.2896,
-27.0756)

Have a look what the booklet for
YUV(214.8730, 19.2896, -27.0756)
contains.

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Color

**YUV(214.8730, 19.2896,
-27.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DFFE
RGB	184, 223, 254
RGB Percent	72%, 87%, 100%
CMY	0.2784, 0.1255, 0.0039
CMYK	0.28, 0.12, 0.00, 0.00
HSL	207°, 97%, 86%
HSV	207°, 28%, 100%
XYZ	64.0442, 70.1215, 103.9252
YIQ	214.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

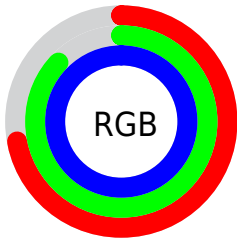
Format	Color
RYB	184, 209, 254
Decimal	12115966
CIELab	87.06, -5.86, -19.23
CIELCh	87, 20.107, 253.049
Yxy	70.1215, 0.2690, 0.2945
Android (android.graphics.Color)	4290306046 (0xFFB8DFFE)
YUV	214.8730, 19.2896, -27.0756
Hunter-Lab	83.7386, -10.0236, -14.9659

Details

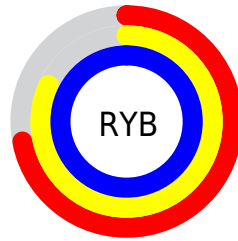
The YUV color **214.8730, 19.2896, -27.0756** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **223.1270, -19.2896, 27.0756**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, 2.0637, -8.6069**, and **159.6450, 18.4160, -26.8757** is the 20% darker color. If you saturate the color by 10%, you get **200.9410, 26.1581, -36.7823**, and if you desaturate by 10%, it is **228.8050, 12.4211, -17.3690**.

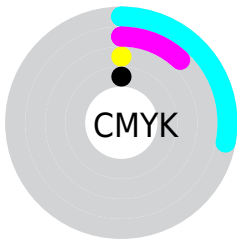
Distribution



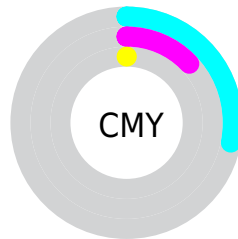
- Red (72%)
- Green (87%)
- Blue (100%)



- Red (72%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8730, 19.2896, -27.0756 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 214.8730, 19.2896, -27.0756 by changing the saturation by 10% instead.

■ 214.8730, 19.2896,
-27.0756

■ 214.8730, 19.2896,
-27.0756

255.0000, 0.0000,
0.0000

■ 186.7590, 18.8528,
-26.9756

■ 250.8140, 2.0637,
-8.6069

■ 159.6450, 18.4160,
-26.8757

■ 133.5310, 17.9792,
-26.7757

■ 107.4170, 17.5424,
-26.6757

■ 82.1180, 17.6898,
-27.2905

■ 57.6940, 17.4059,
-29.5496

■ 34.8680, 16.8271,

-30.5792

■ 20.0330, 13.2947,
-17.5689

■ 3.5510, 11.0674,
-3.1142

■ 214.8730, 19.2896,
-27.0756

■ 214.8730, 19.2896,
-27.0756

■ 200.9410, 26.1581,
-36.7823

■ 228.8050, 12.4211,
-17.3690

■ 186.7100, 33.1740,
-47.1037

■ 243.0360, 5.4053,
-7.0476

■ 172.1910, 40.3318,
-56.2955

254.8860, -0.4368,
0.1000

■ 157.9600, 47.3477,
-66.6169

■ 144.0280, 54.2162,
-76.3236

■ 130.0960, 61.0847,
-86.0302

■ 115.2780, 68.3899,
-95.8368

■ 112.3100, 69.8532,
-98.4959

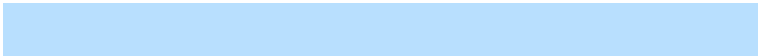
Harmonies

Analogous

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



211.4820, 15.5384, -37.2567



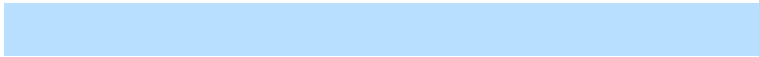
214.8730, 19.2896, -27.0756



218.6410, 17.9250, -9.3322

Triad

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



214.8730, 19.2896, -27.0756



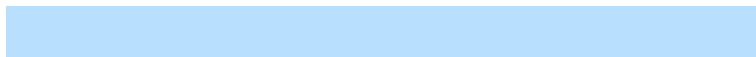
220.5200, -5.1864, 30.2390



214.4320, -12.0450, -10.0259

Complementary

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



214.8730, 19.2896, -27.0756



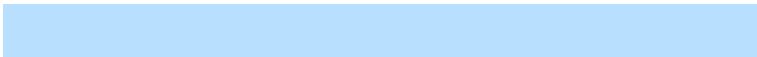
223.1270, -19.2896, 27.0756

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.



216.1630, -17.3354, 6.8730



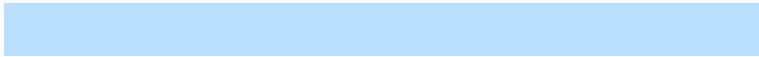
214.8730, 19.2896, -27.0756



220.3430, -13.4801, 30.3942

Square

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



214.8730, 19.2896, -27.0756



221.8920, 3.9972, 24.6507



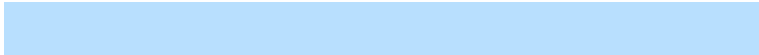
218.4360, -17.9629, 21.5426



211.7380, -2.8288, -26.0802

Rectangle

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



214.8730, 19.2896, -27.0756



220.5070, 14.5400, 3.0634



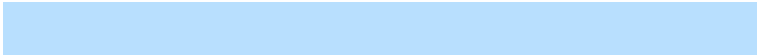
218.4360, -17.9629, 21.5426



214.8950, -14.2452, -4.2929

Sweetspot

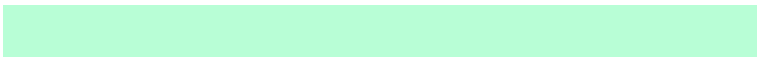
The Sweet Spot groups the original color and five complimentary colors.



214.8730, 19.2896, -27.0756



243.7370, 5.5527, -7.6623



228.5100, -7.1534, -39.0353



120.5910, 3.6526, -4.9033



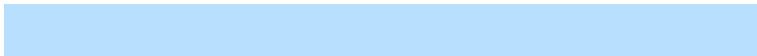
0.0000, 0.0000, 0.0000



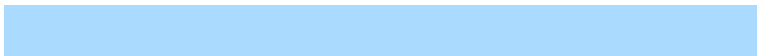
128.0000, 0.0000, 0.0000

Same Dimension

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



214.8730, 19.2896, -27.0756



208.1650, 23.0897, -32.5937



194.9150, 29.1289, -9.5725



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Inverse Universe

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



209.3760, 6.7166, 39.1352



201.4740, 8.1473, 46.9423



243.0850, -29.1289, 9.5725



119.6850, 1.1413, 7.2923



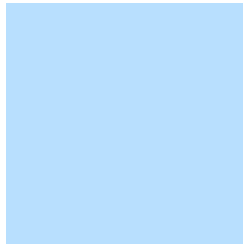
69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 214.8730, 19.2896, -27.0756 looks on a white background.

Color Contrast Check

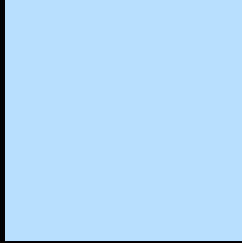
Large Text (above 18pt) WCAG AA × Fail

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 214.8730, 19.2896, -27.0756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

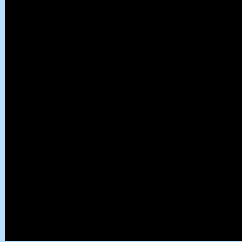
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

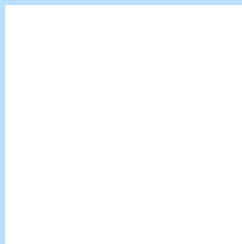
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8730, 19.2896, -27.0756

Background



This preview shows how black text looks on a background with the YUV color 214.8730, 19.2896, -27.0756.



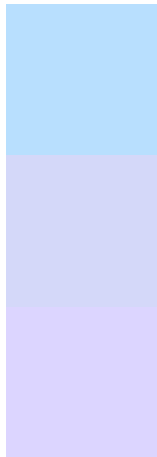
This preview shows how white text looks on a background with the YUV color 214.8730, 19.2896, -27.0756.

-27.0756.

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

214.8730, 19.2896, -27.0756

Protanopia

218.5660, 15.0040, -5.7584

Deuteranopia

219.8810, 17.3137, 0.1044



Tritanopia

214.1950, 14.2009, -28.2350

Trichromacy



Original Color

214.8730, 19.2896, -27.0756

Protanomaly

217.5650, 16.4835, -13.6505

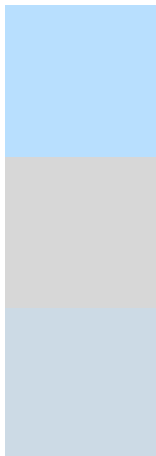
Deuteranomaly

218.3420, 18.0724, -9.9469

Tritanomaly

214.3630, 16.0900, -27.5054

Monochromacy



Original Color

214.8730, 19.2896, -27.0756

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0680, 6.8685, -9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8730, 19.2896, -27.0756 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(184, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 254)  
}
```

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(184, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 254) }
```

Border

The CSS property to change the border of an element to YUV 214.8730, 19.2896, -27.0756 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(184, 223, 254) }
```


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

```
.border{ border-color:rgb(184, 223, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 223, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 223, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 223,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 214.8730, 19.2896, -27.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 254) }
```

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

```
.background{ background-color: rgb(184,  
223, 254) }
```

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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