

Converting Colors

YUV(226.4830, 14.0589,
-29.3646)

Have a look what the booklet for
YUV(226.4830, 14.0589, -29.3646)
contains.

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Color

**YUV(226.4830, 14.0589,
-29.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	C1EEFF
RGB	193, 238, 255
RGB Percent	76%, 93%, 100%
CMY	0.2431, 0.0667, 0.0000
CMYK	0.24, 0.07, 0.00, 0.00
HSL	196°, 100%, 88%
HSV	196°, 24%, 100%
XYZ	70.6169, 79.7065, 106.2707
YIQ	226.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

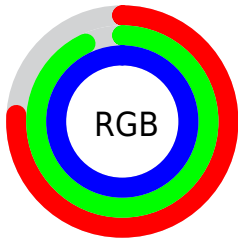
Format	Color
R_{YB}	193, 219, 255
Decimal	12709631
CIE _{Lab}	91.55, -10.73, -12.95
CIE _{LCh}	92, 16.822, 230.346
Yxy	79.7065, 0.2752, 0.3106
Android (android.graphics.Color)	4290899711 (0xFFC1EEFF)
YUV	226.4830, 14.0589, -29.3646
Hunter-Lab	89.2785, -15.0488, -8.0796

Details

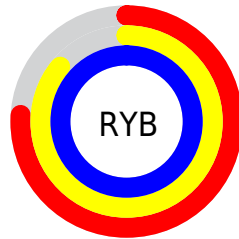
The YUV color $226.4830, 14.0589, -29.3646$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.5170, -14.0589, 29.3646$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $170.6680, 13.4747, -28.6498$ is the 20% darker color. If you saturate the color by 10%, you get $214.8990, 19.7698, -41.1304$, and if you desaturate by 10%, it is $238.3660, 8.2006, -16.9840$.

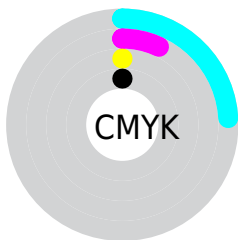
Distribution



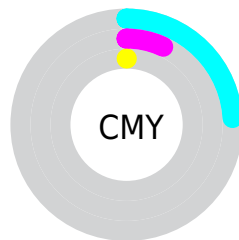
- Red (76%)
- Green (93%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.4830, 14.0589, -29.3646 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 226.4830, 14.0589, -29.3646 by changing the saturation by 10% instead.

■ 226.4830, 14.0589,
-29.3646

■ 226.4830, 14.0589,
-29.3646

255.0000, 0.0000,
0.0000

■ 198.3690, 13.6221,
-29.2646

■ 253.5050, 0.7370,
-3.0739

■ 170.6680, 13.4747,
-28.6498

■ 143.9670, 13.3273,
-28.0351

■ 117.8530, 12.8905,
-27.9351

■ 92.5540, 13.0379,
-28.5499

■ 68.1410, 12.7485,
-29.0647

■ 42.6350, 13.4909,

-33.8829

■ 26.0170, 10.8376,
-22.8169

■ 10.1220, 8.3209,
-8.8770

■ 226.4830, 14.0589,
-29.3646

■ 226.4830, 14.0589,
-29.3646

■ 214.8990, 19.7698,
-41.1304

■ 238.3660, 8.2006,
-16.9840

■ 203.0160, 25.6281,
-53.5110

■ 249.9500, 2.4897,
-5.2181

■ 191.4320, 31.3390,
-65.2769

■ 255.0000, 0.0000,
0.0000

■ 179.5490, 37.1973,
-77.6575

■ 167.9650, 42.9083,
-89.4233

■ 156.0820, 48.7666,
-101.8039

■ 144.4980, 54.4775,
-113.5697

■ 137.6650, 57.8462,
-120.7322

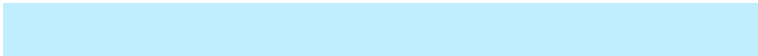
Harmonies

Analogous

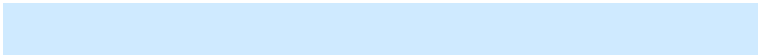
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.1640, 7.8071, -30.8388



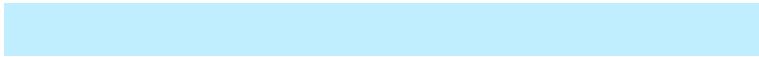
226.4830, 14.0589, -29.3646



228.3210, 13.1527, -18.6985

Triad

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



226.4830, 14.0589, -29.3646



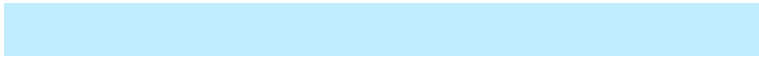
232.4030, 2.2663, 19.8176



228.9390, -14.2669, 2.6845

Complementary

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



226.4830, 14.0589, -29.3646



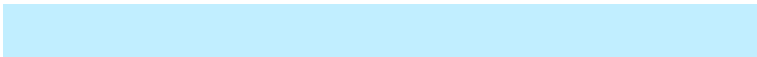
221.5170, -14.0589, 29.3646

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.



230.9730, -15.7627, 15.8097



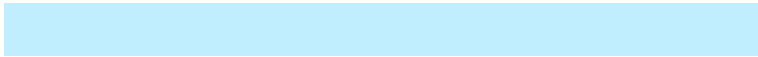
226.4830, 14.0589, -29.3646



230.4650, -5.1592, 21.5172

Square

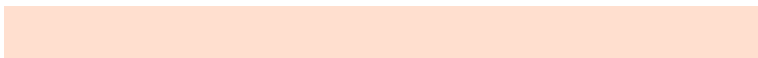
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



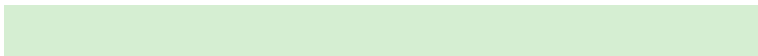
226.4830, 14.0589, -29.3646



233.4820, 9.1294, 11.8553



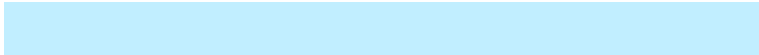
230.7440, -11.7058, 21.2725



227.3330, -8.5452, -12.5700

Rectangle

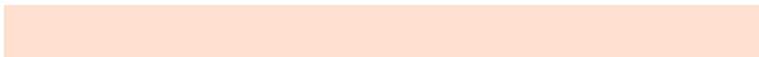
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.4830, 14.0589, -29.3646



229.8600, 12.3940, -8.6472



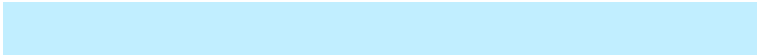
230.7440, -11.7058, 21.2725



229.4450, -15.0094, 7.5027

Sweetspot

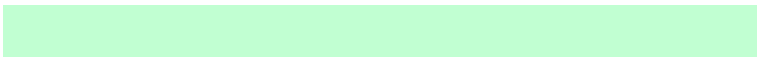
The Sweet Spot groups the original color and five complimentary colors.



226.4830, 14.0589, -29.3646



246.6830, 4.1003, -8.4920



231.3320, -10.5167, -33.6172



122.9500, 2.4896, -5.2182



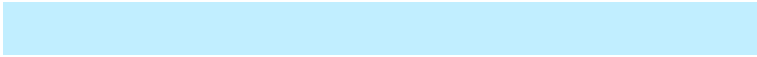
0.0000, 0.0000, 0.0000



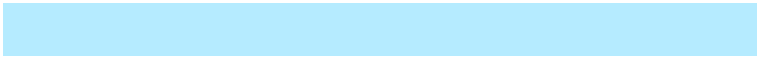
128.0000, 0.0000, 0.0000

Same Dimension

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



226.4830, 14.0589, -29.3646



221.1340, 16.6959, -35.1975



208.2860, 23.0300, -13.4058



121.7650, 3.0739, -5.9329



103.3670, 43.2031, -90.6529



34.2980, 14.6431, -30.0793

Inverse Universe

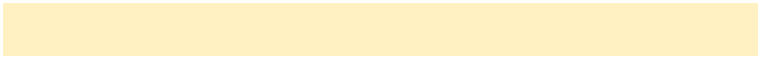
The Inverse Universe completely reimagines the original color for something new.



216.6680, 10.5167, 33.6172



209.2820, 12.6790, 40.0947



239.7140, -23.0300, 13.4058



119.9130, 2.0149, 7.0923



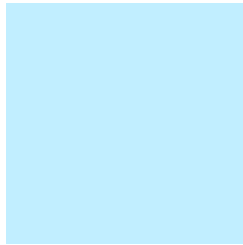
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 226.4830, 14.0589, -29.3646 looks on a white background.

Color Contrast Check

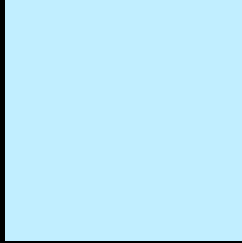
Large Text (above 18pt) WCAG AA × Fail

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 226.4830, 14.0589, -29.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

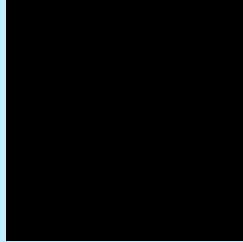
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.4830, 14.0589, -29.3646

Background



This preview shows how black text looks on a background with the YUV color 226.4830, 14.0589, -29.3646.



This preview shows how white text looks on a background with the YUV color 226.4830, 14.0589, -29.3646.

-29.3646.

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

226.4830, 14.0589, -29.3646

Protanopia

231.2800, 8.7360, -1.9996

Deuteranopia

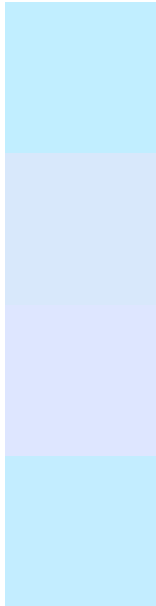
232.6060, 11.0402, 5.6075



Tritanopia

226.7930, 13.9061, -27.0055

Trichromacy



Original Color

226.4830, 14.0589, -29.3646

Protanomaly

229.3820, 10.6577, -11.7360

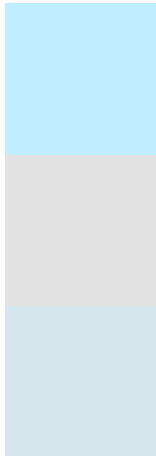
Deuteranomaly

230.4580, 12.0992, -7.4177

Tritanomaly

226.4940, 14.0535, -27.6202

Monochromacy



Original Color

226.4830, 14.0589, -29.3646

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.4830, 14.0589, -29.3646 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(193, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 238, 255)  
}
```

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(193, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.4830, 14.0589, -29.3646 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(193, 238, 255) }
```


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

```
.border{ border-color:rgb(193, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.4830, 14.0589, -29.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 238, 255) }
```

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

```
.background{ background-color: rgb(193,  
238, 255) }
```

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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