

Converting Colors

YUV(226.1840, 14.2063,
-29.9794)

Have a look what the booklet for
YUV(226.1840, 14.2063, -29.9794)
contains.

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Color

**YUV(226.1840, 14.2063,
-29.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EEFF
RGB	192, 238, 255
RGB Percent	75%, 93%, 100%
CMY	0.2471, 0.0667, 0.0000
CMYK	0.25, 0.07, 0.00, 0.00
HSL	196°, 100%, 88%
HSV	196°, 25%, 100%
XYZ	70.3628, 79.5755, 106.2588
YIQ	226.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

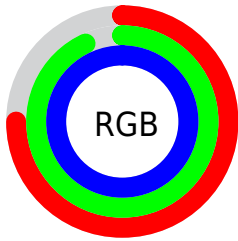
Format	Color
R _Y B	192, 219, 255
Decimal	12644095
CIE Lab	91.49, -11.02, -13.05
CIE LCh	91, 17.080, 229.800
Yxy	79.5755, 0.2746, 0.3106
Android (android.graphics.Color)	4290834175 (0xFFC0EEFF)
YUV	226.1840, 14.2063, -29.9794
Hunter-Lab	89.2051, -15.3126, -8.1811

Details

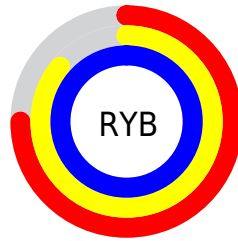
The YUV color $226.1840, 14.2063, -29.9794$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.8160, -14.2063, 29.9794$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $170.3690, 13.6221, -29.2646$ is the 20% darker color. If you saturate the color by 10%, you get $214.6000, 19.9172, -41.7452$, and if you desaturate by 10%, it is $238.0670, 8.3480, -17.5988$.

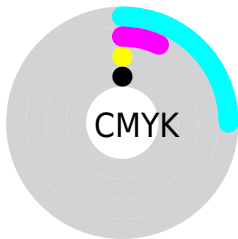
Distribution



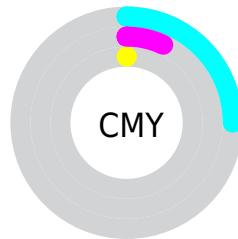
- Red (75%)
- Green (93%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.1840, 14.2063, -29.9794 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 226.1840, 14.2063, -29.9794 by changing the saturation by 10% instead.

■ 226.1840, 14.2063,
-29.9794

■ 226.1840, 14.2063,
-29.9794

255.0000, 0.0000,
0.0000

■ 198.0700, 13.7695,
-29.8794

■ 253.2060, 0.8844,
-3.6887

■ 170.3690, 13.6221,
-29.2646

■ 143.6680, 13.4747,
-28.6498

■ 117.5540, 13.0379,
-28.5499

■ 92.2550, 13.1853,
-29.1646

■ 67.5430, 13.0433,
-30.2942

■ 41.7380, 13.9332,

-35.7272

■ 26.0170, 10.8376,
-22.8169

■ 10.1220, 8.3209,
-8.8770

■ 226.1840, 14.2063,
-29.9794

■ 226.1840, 14.2063,
-29.9794

■ 214.6000, 19.9172,
-41.7452

■ 238.0670, 8.3480,
-17.5988

■ 202.7170, 25.7755,
-54.1258

■ 249.6510, 2.6371,
-5.8329

■ 191.1330, 31.4864,
-65.8916

■ 255.0000, 0.0000,
0.0000

■ 179.2500, 37.3447,
-78.2722

■ 168.2530, 42.7663,
-90.5529

■ 156.3700, 48.6246,
-102.9335

■ 144.7860, 54.3355,
-114.6993

■ 138.2520, 57.5568,
-121.2470

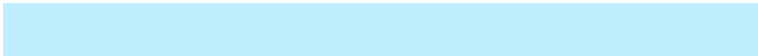
Harmonies

Analogous

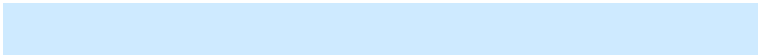
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.8650, 7.9546, -31.4536



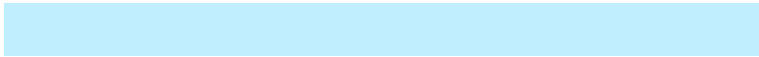
226.1840, 14.2063, -29.9794



228.0220, 13.3002, -19.3133

Triad

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



226.1840, 14.2063, -29.9794



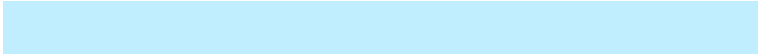
232.4030, 2.2663, 19.8176



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.



226.1840, 14.2063, -29.9794



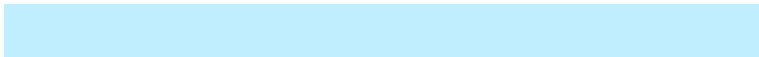
220.8160, -14.2063, 29.9794

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



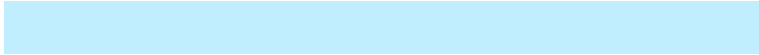
226.1840, 14.2063, -29.9794



230.4650, -5.1592, 21.5172

Square

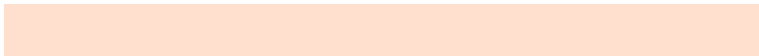
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



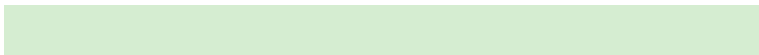
226.1840, 14.2063, -29.9794



233.4820, 9.1294, 11.8553



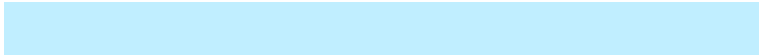
230.6300, -12.1426, 21.3725



226.6320, -8.6926, -11.9553

Rectangle

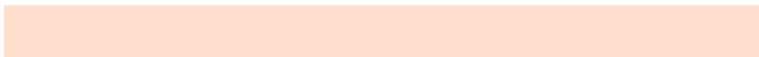
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.1840, 14.2063, -29.9794



229.8600, 12.3940, -8.6472



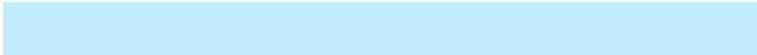
230.6300, -12.1426, 21.3725



229.3310, -15.4462, 7.6027

Sweetspot

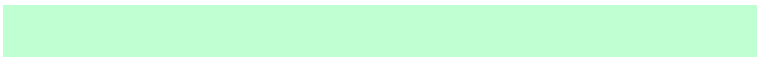
The Sweet Spot groups the original color and five complimentary colors.



226.1840, 14.2063, -29.9794



246.6830, 4.1003, -8.4920



230.9190, -10.8061, -34.1320



122.9500, 2.4896, -5.2182



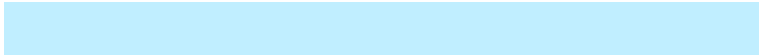
0.0000, 0.0000, 0.0000



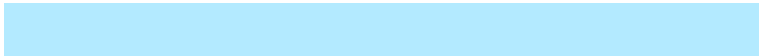
128.0000, 0.0000, 0.0000

Same Dimension

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



226.1840, 14.2063, -29.9794



219.9490, 17.2801, -35.9123



207.9870, 23.1774, -14.0206



121.7650, 3.0739, -5.9329



103.9540, 42.9137, -91.1677



34.8850, 14.3537, -30.5941

Inverse Universe

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



216.0810, 10.8061, 34.1320



207.9940, 12.8210, 41.2243



239.0130, -23.1774, 14.0206



119.9130, 2.0149, 7.0923



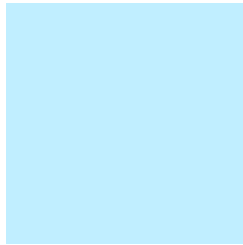
73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 226.1840, 14.2063, -29.9794 looks on a white background.

Color Contrast Check

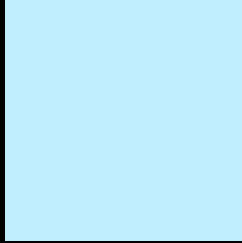
Large Text (above 18pt) WCAG AA × Fail

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 226.1840, 14.2063, -29.9794 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

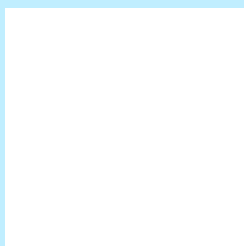
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.1840, 14.2063, -29.9794

Background



This preview shows how black text looks on a background with the YUV color 226.1840, 14.2063, -29.9794.



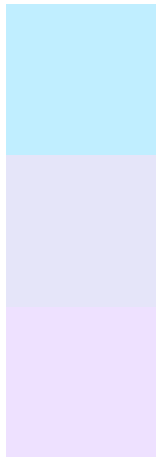
This preview shows how white text looks on a background with the YUV color 226.1840, 14.2063, -29.9794.

-29.9794.

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

226.1840, 14.2063, -29.9794

Protanopia

231.2800, 8.7360, -1.9996

Deuteranopia

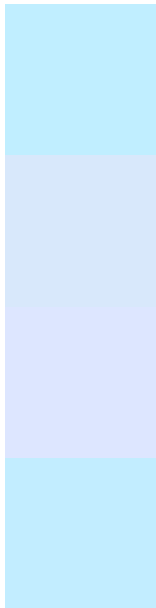
232.3070, 11.1876, 4.9928



Tritanopia

226.4940, 14.0535, -27.6202

Trichromacy



Original Color

226.1840, 14.2063, -29.9794

Protanomaly

229.3820, 10.6577, -11.7360

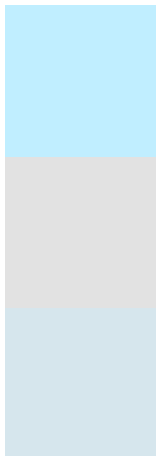
Deuteranomaly

230.1590, 12.2466, -8.0324

Tritanomaly

226.1950, 14.2009, -28.2350

Monochromacy



Original Color

226.1840, 14.2063, -29.9794

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 226.1840, 14.2063, -29.9794 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(192, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.1840, 14.2063, -29.9794 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(192, 238, 255) }
```


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

```
.border{ border-color:rgb(192, 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(192, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.1840, 14.2063, -29.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 238, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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