

Converting Colors

YUV(148.1730, 44.2847,
-64.1727)

Have a look what the booklet for
YUV(148.1730, 44.2847, -64.1727)
contains.

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Color

**YUV(148.1730, 44.2847,
-64.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA8EE
RGB	75, 168, 238
RGB Percent	29%, 66%, 93%
CMY	0.7059, 0.3412, 0.0667
CMYK	0.68, 0.29, 0.00, 0.07
HSL	206°, 83%, 61%
HSV	206°, 68%, 93%
XYZ	32.3369, 35.6742, 86.0704
YIQ	148.1730, -77.8980, 2.0540

Conversions

Conversions Part 2

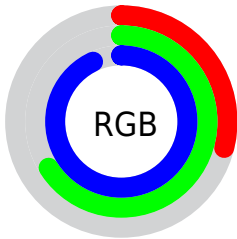
Format	Color
R _Y B	75, 134, 238
Decimal	4958446
CIE Lab	66.27, -5.56, -43.08
CIE LCh	66, 43.437, 262.644
Yxy	35.6742, 0.2099, 0.2315
Android (android.graphics.Color)	4283148526 (0xFF4BA8EE)
YUV	148.1730, 44.2847, -64.1727
Hunter-Lab	59.7279, -7.8831, -43.6299

Details

The YUV color **148.1730, 44.2847, -64.1727** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **164.8270, -44.2847, 64.1727**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8310, 26.2123, -54.2258**, and **88.8400, 45.9279, -77.9127** is the 20% darker color. If you saturate the color by 10%, you get **135.1270, 50.7164, -73.7794**, and if you desaturate by 10%, it is **161.2190, 37.8530, -54.5661**.

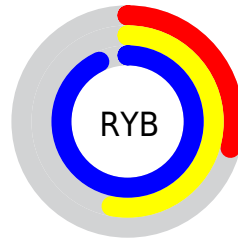
Distribution



Red (29%)

Green (66%)

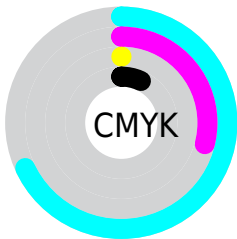
Blue (93%)



Red (29%)

Yellow (53%)

Blue (93%)

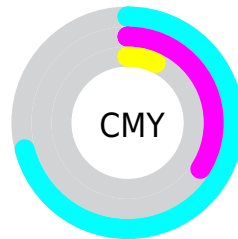


Cyan (68%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1730, 44.2847, -64.1727 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 148.1730, 44.2847, -64.1727 by changing the saturation by 10% instead.

■ 148.1730, 44.2847,
-64.1727

■ 148.1730, 44.2847,
-64.1727

255.0000, 0.0000,
0.0000

■ 116.5630, 46.0644,
-75.0388

■ 201.8310, 26.2123,
-54.2258

■ 88.8400, 45.9279,
-77.9127

■ 227.2370, 13.6872,
-50.1968

■ 71.6740, 41.0797,
-62.8581

■ 238.8540, 7.9600,
-33.1980

■ 55.0950, 35.9422,
-48.3183

■ 247.8240, 3.5378,
-14.7546

■ 39.3310, 31.3888,
-34.4933

■ 24.7410, 26.2567,
-21.6979

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 148.1730, 44.2847,
-64.1727

■ 148.1730, 44.2847,
-64.1727

■ 135.1270, 50.7164,
-73.7794

■ 161.2190, 37.8530,
-54.5661

■ 122.0810, 57.1481,
-83.3860

■ 174.2650, 31.4214,
-44.9594

■ 108.7470, 63.7217,
-91.8631

■ 187.5990, 24.8477,
-36.4823

■ 106.9640, 64.6007,
-93.8074

■ 200.6450, 18.4160,
-26.8757

■ 213.6910, 11.9843,
-17.2690

■ 226.7370, 5.5527,
-7.6623

■ 240.3700, -1.1684,
1.4295

■ 250.1270, -5.9786,
4.2736

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



129.2070, 45.7469, -113.3145



148.1730, 44.2847, -64.1727



162.3970, 34.8073, -10.8722

Triad

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



148.1730, 44.2847, -64.1727



162.3240, -14.4567, 63.7369



148.9700, -18.2262, -34.1767

Complementary

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



148.1730, 44.2847, -64.1727



164.8270, -44.2847, 64.1727

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.



155.1780, -33.6118, 0.7209



148.1730, 44.2847, -64.1727



161.1320, -30.1381, 53.3812

Square

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



148.1730, 44.2847, -64.1727



164.3890, 3.7522, 56.6638



159.0400, -37.4877, 30.6599



136.5030, 6.6540, -81.1251

Rectangle

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



148.1730, 44.2847, -64.1727



165.6950, 26.2794, 17.8075



159.0400, -37.4877, 30.6599



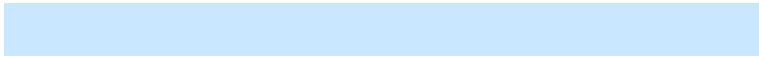
151.4400, -24.3739, -22.3109

Sweetspot

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



148.1730, 44.2847, -64.1727



225.3530, 14.6160, -21.3576



178.4330, -17.4685, -90.7107



110.2140, 8.7685, -12.4657



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.



148.1730, 44.2847, -64.1727



139.6790, 56.8533, -82.1565



101.8000, 67.1466, -23.5036



113.4770, 3.2158, -4.8033



82.6110, 49.9848, -72.4498



25.1680, 15.2002, -22.0723

Inverse Universe

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



134.3390, 16.5949, 90.9107



122.0570, 21.1709, 116.5910



211.2000, -67.1466, 23.5036



112.3860, 1.2887, 6.6775



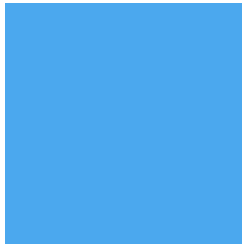
66.9860, 18.7409, 102.6213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 148.1730, 44.2847, -64.1727 looks on a white background.

Color Contrast Check

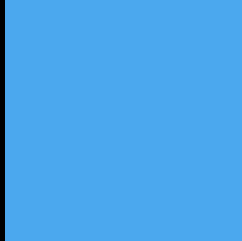
Large Text (above 18pt) WCAG AA × Fail

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 148.1730, 44.2847, -64.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

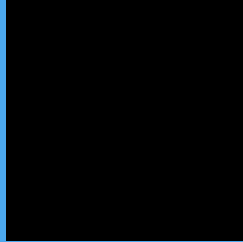
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

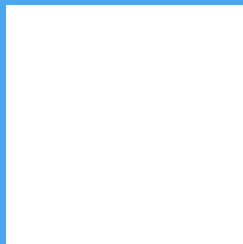
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.1730, 44.2847, -64.1727

Background



This preview shows how black text looks on a background with the YUV color 148.1730, 44.2847, -64.1727.



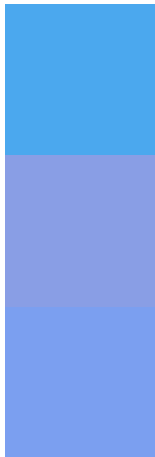
This preview shows how white text looks on a background with the YUV color 148.1730, 44.2847, -64.1727.

-64.1727.

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

148.1730, 44.2847, -64.1727

Protanopia

159.8150, 34.1082, -20.0088

Deuteranopia

157.4700, 40.6873, -30.2302



Tritanopia

138.5300, 25.8677, -83.7798

Trichromacy



Original Color

148.1730, 44.2847, -64.1727

Protanomaly

155.6280, 37.6514, -36.5078

Deuteranomaly

154.0340, 41.8882, -42.1258

Tritanomaly

142.2950, 32.3926, -76.5577

Monochromacy



Original Color

148.1730, 44.2847, -64.1727

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.7980, 16.3686, -23.5018

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1730, 44.2847, -64.1727 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(75, 168, 238)` looks like.

```
.text, #text, p{  
    color:rgb(75, 168, 238)  
}
```

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(75, 168, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 168, 238) }
```

Border

The CSS property to change the border of an element to YUV 148.1730, 44.2847, -64.1727 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(75, 168, 238) }
```


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

```
.border{ border-color:rgb(75, 168, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 168, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 168, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 168, 238);  
box-shadow:4px 4px 4px 4px rgb(75, 168,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 148.1730, 44.2847, -64.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 168, 238) }
```

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

```
.background{ background-color: rgb(75, 168,  
238) }
```

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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