

Converting Colors

YUV(145.6480, 50.4595,
-84.7603)

Have a look what the booklet for
YUV(145.6480, 50.4595, -84.7603)
contains.

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Color

**YUV(145.6480, 50.4595,
-84.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	31AFF8
RGB	49, 175, 248
RGB Percent	19%, 69%, 97%
CMY	0.8078, 0.3137, 0.0275
CMYK	0.80, 0.29, 0.00, 0.03
HSL	202°, 93%, 58%
HSV	202°, 80%, 97%
XYZ	33.5399, 38.0902, 94.3913
YIQ	145.6480, -98.5290, -4.0090

Conversions

Conversions Part 2

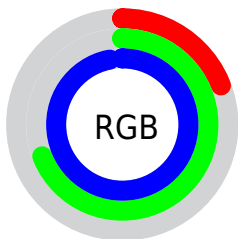
Format	Color
R _Y B	49, 126, 248
Decimal	3256312
CIE Lab	68.09, -9.12, -45.72
CIE LCh	68, 46.624, 258.724
Yxy	38.0902, 0.2020, 0.2294
Android (android.graphics.Color)	4281446392 (0xFF31AFF8)
YUV	145.6480, 50.4595, -84.7603
Hunter-Lab	61.7173, -11.0005, -47.4769

Details

The YUV color **145.6480, 50.4595, -84.7603** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **151.3520, -50.4595, 84.7603**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7540, 26.2503, -66.4363**, and **93.9750, 47.8333, -82.4161** is the 20% darker color. If you saturate the color by 10%, you get **132.8900, 56.7492, -95.4965**, and if you desaturate by 10%, it is **158.4060, 44.1698, -74.0241**.

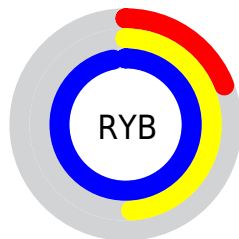
Distribution



Red (19%)

Green (69%)

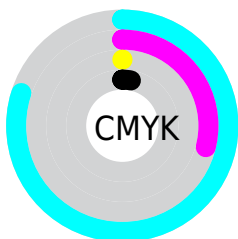
Blue (97%)



Red (19%)

Yellow (49%)

Blue (97%)

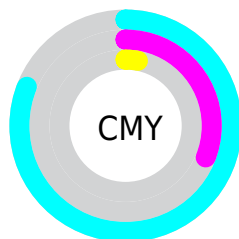


Cyan (80%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (81%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6480, 50.4595, -84.7603 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 145.6480, 50.4595, -84.7603 by changing the saturation by 10% instead.

■ 145.6480, 50.4595,
-84.7603

■ 145.6480, 50.4595,
-84.7603

■ 255.0000, 0.0000,
0.0000

■ 111.8420, 52.8289,
-98.0854

■ 201.7540, 26.2503,
-66.4363

■ 93.9750, 47.8333,
-82.4161

■ 225.9970, 14.2985,
-59.6334

■ 76.2220, 43.2746,
-66.8467

■ 235.2660, 9.7289,
-40.5753

■ 59.6430, 38.1370,
-52.3069

■ 244.8340, 5.0118,
-20.9024

■ 43.1780, 33.4362,
-37.8671

■ 254.1030, 0.4422,
-1.8443

■ 28.5880, 28.3041,
-25.0717

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 145.6480, 50.4595,
-84.7603

■ 145.6480, 50.4595,
-84.7603

■ 132.8900, 56.7492,
-95.4965

■ 158.4060, 44.1698,
-74.0241

■ 120.4310, 62.8915,
-105.6180

■ 171.1640, 37.8801,
-63.2878

■ 183.6230, 31.7379,
-53.1664

■ 196.3810, 25.4482,
-42.4301

■ 209.1390, 19.1585,
-31.6939

■ 222.4840, 12.5794,
-21.4725

■ 235.2420, 6.2897,
-10.7362

■ 247.7010, 0.1474,
-0.6148

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



134.0000, 46.3420, -117.5180



145.6480, 50.4595, -84.7603



165.6070, 39.6337, -18.9493

Triad

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



145.6480, 50.4595, -84.7603



167.1120, -12.8732, 69.1848



153.6560, -22.0154, -32.1473

Complementary

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



145.6480, 50.4595, -84.7603



151.3520, -50.4595, 84.7603

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.



159.7610, -37.8432, 4.5946



145.6480, 50.4595, -84.7603



165.7630, -30.4492, 59.8438

Square

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



145.6480, 50.4595, -84.7603



169.6110, 7.0938, 58.2232



163.3890, -40.1248, 36.4928



140.3950, 3.7493, -82.7844

Rectangle

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



145.6480, 50.4595, -84.7603



170.1120, 30.5108, 13.9338



163.3890, -40.1248, 36.4928



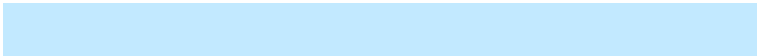
156.3110, -28.7473, -19.5667

Sweetspot

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



145.6480, 50.4595, -84.7603



223.8470, 15.3584, -26.1758



174.1350, -25.7026, -109.7434



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



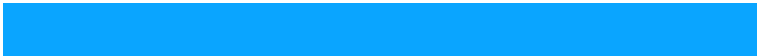
128.0000, 0.0000, 0.0000

Same Dimension

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



145.6480, 50.4595, -84.7603



128.9150, 62.1599, -104.2885



87.5350, 79.1092, -33.7952



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758

Inverse Universe

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



122.8650, 25.7026, 109.7434



100.9250, 31.5890, 135.1238



209.4650, -79.1092, 33.7952



116.7990, 1.5781, 7.1923



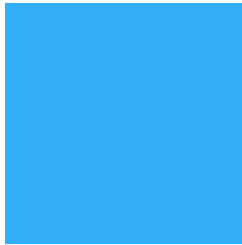
70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 145.6480, 50.4595, -84.7603 looks on a white background.

Color Contrast Check

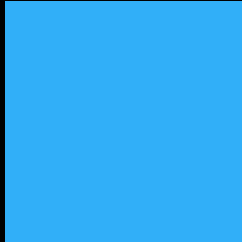
Large Text (above 18pt) WCAG AA × Fail

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 145.6480, 50.4595, -84.7603 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

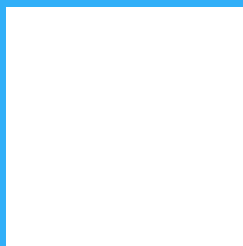
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.6480, 50.4595, -84.7603

Background



This preview shows how black text looks on a background with the YUV color 145.6480, 50.4595, -84.7603.

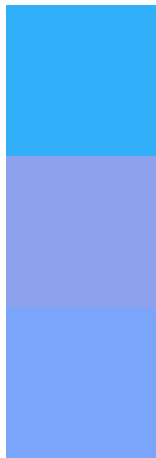


This preview shows how white text looks on a background with the YUV color 145.6480, 50.4595, -84.7603.

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

145.6480, 50.4595, -84.7603

Protanopia

163.9720, 36.0028, -21.0234

Deuteranopia

161.6590, 44.0451, -33.9039



Tritanopia

129.8790, 33.0907, -113.9039

Trichromacy



Original Color

145.6480, 50.4595, -84.7603

Protanomaly

157.4960, 41.1675, -44.2850

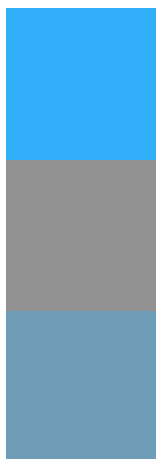
Deuteranomaly

155.8200, 46.4307, -52.4621

Tritanomaly

135.6660, 39.6047, -103.1931

Monochromacy



Original Color

145.6480, 50.4595, -84.7603

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2100, 18.1375, -30.8792

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6480, 50.4595, -84.7603 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(49, 175, 248)` looks like.

```
.text, #text, p{  
    color:rgb(49, 175, 248)  
}
```

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(49, 175, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 175, 248) }
```

Border

The CSS property to change the border of an element to YUV 145.6480, 50.4595, -84.7603 is called "border".

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

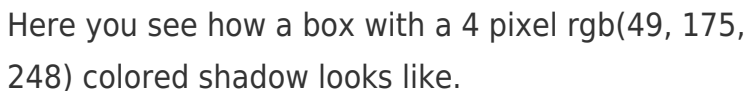
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 175, 248) }
```


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

```
.border{ border-color:rgb(49, 175, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(49, 175, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 175, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 175, 248); box-shadow:4px 4px 4px 4px rgb(49, 175, 248) }
```

Background

The CSS property to change the background color of an element to YUV 145.6480, 50.4595, -84.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 175, 248) }
```

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

```
.background{ background-color: rgb(49, 175,  
248) }
```

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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