

Converting Colors

YUV(184.7420, 34.6372,
-49.7627)

Have a look what the booklet for
YUV(184.7420, 34.6372, -49.7627)
contains.

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Color

**YUV(184.7420, 34.6372,
-49.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	80C8FF
RGB	128, 200, 255
RGB Percent	50%, 78%, 100%
CMY	0.4980, 0.2157, 0.0000
CMYK	0.50, 0.22, 0.00, 0.00
HSL	206°, 100%, 75%
HSV	206°, 50%, 100%
XYZ	47.6064, 53.1177, 102.3514
YIQ	184.7420, -60.5670, 1.8410

Conversions

Conversions Part 2

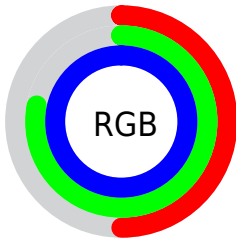
Format	Color
R _Y B	128, 174, 255
Decimal	8440063
CIE Lab	77.94, -7.85, -33.94
CIE LCh	78, 34.841, 256.975
Yxy	53.1177, 0.2344, 0.2616
Android (android.graphics.Color)	4286630143 (0xFF80C8FF)
YUV	184.7420, 34.6372, -49.7627
Hunter-Lab	72.8819, -10.9474, -32.2463

Details

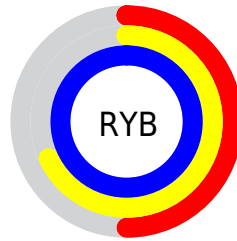
The YUV color $184.7420, 34.6372, -49.7627$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $198.2580, -34.6372, 49.7627$, and the grayscale version is $184.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6680, 10.0237, -41.8048$, and $128.3070, 34.3586, -53.7662$ is the 20% darker color. If you saturate the color by 10%, you get $170.8100, 41.5057, -59.4694$, and if you desaturate by 10%, it is $198.9730, 27.6213, -39.4413$.

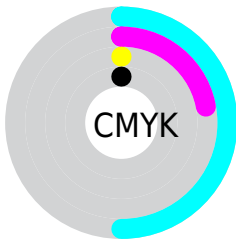
Distribution



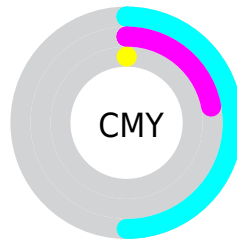
- Red (50%)
- Green (78%)
- Blue (100%)



- Red (50%)
- Yellow (68%)
- Blue (100%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.7420, 34.6372, -49.7627 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 184.7420, 34.6372, -49.7627 by changing the saturation by 10% instead.

■ 184.7420, 34.6372,
-49.7627

■ 184.7420, 34.6372,
-49.7627

255.0000, 0.0000,
0.0000

■ 156.6170, 34.2058,
-51.4071

■ 234.6680, 10.0237,
-41.8048

■ 128.3070, 34.3586,
-53.7662

■ 243.3390, 5.7489,
-23.9763

■ 99.1920, 35.4013,
-61.5584

■ 252.3090, 1.3267,
-5.5330

■ 72.7680, 35.1174,
-63.8175

■ 55.7160, 30.7060,
-48.8629

■ 39.9520, 26.1527,
-35.0379

■ 25.4760, 21.4573,

-22.3425

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 184.7420, 34.6372,
-49.7627

■ 184.7420, 34.6372,
-49.7627

■ 170.8100, 41.5057,
-59.4694

■ 198.9730, 27.6213,
-39.4413

■ 156.5790, 48.5216,
-69.7908

■ 212.9050, 20.7528,
-29.7347

■ 142.3480, 55.5374,
-80.1122

■ 227.1360, 13.7370,
-19.4133

■ 128.4160, 62.4059,
-89.8188

■ 241.0680, 6.8685,
-9.7066

■ 114.1850, 69.4218, 255.0000, 0.0000,
-100.1402 0.0000

Harmonies

Analogous

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



175.3660, 31.3716, -75.7430



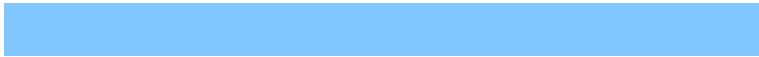
184.7420, 34.6372, -49.7627



192.8220, 30.1608, -13.8759

Triad

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



184.7420, 34.6372, -49.7627



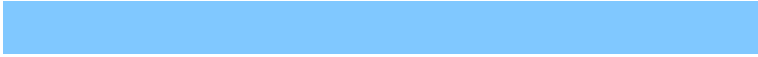
195.3980, -10.0562, 52.2710



185.0470, -18.2642, -21.9662

Complementary

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



184.7420, 34.6372, -49.7627



198.2580, -34.6372, 49.7627

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.



189.0630, -29.1181, 6.0837



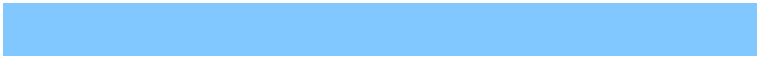
184.7420, 34.6372, -49.7627



194.2330, -23.2859, 48.9077

Square

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



184.7420, 34.6372, -49.7627



197.3550, 5.2480, 43.5387



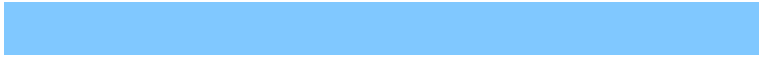
192.1740, -30.6518, 31.4194



179.3390, -1.1531, -50.2863

Rectangle

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



184.7420, 34.6372, -49.7627



196.5430, 23.3963, 9.1708



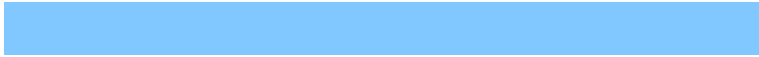
192.1740, -30.6518, 31.4194



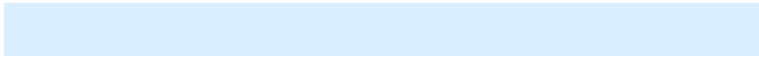
185.9620, -22.6593, -12.2447

Sweetspot

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



184.7420, 34.6372, -49.7627



233.6590, 10.5211, -14.6099



208.5910, -13.6024, -70.6783



115.2530, 6.2843, -8.9919



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.



184.7420, 34.6372, -49.7627



170.5110, 41.6531, -60.0841



148.9350, 52.2900, -18.3600



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941



28.4280, 17.5370, -24.9314

Inverse Universe

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



174.1810, 12.7288, 70.8783



157.6650, 15.4482, 85.3628



234.0650, -52.2900, 18.3600



119.6850, 1.1413, 7.2923



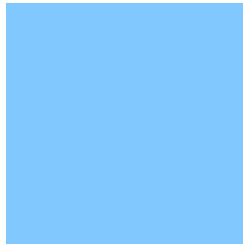
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 184.7420, 34.6372, -49.7627 looks on a white background.

Color Contrast Check

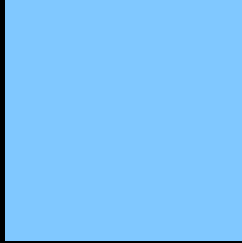
Large Text (above 18pt) WCAG AA × Fail

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 184.7420, 34.6372, -49.7627 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

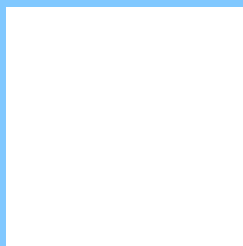
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.7420, 34.6372, -49.7627

Background



This preview shows how black text looks on a background with the YUV color 184.7420, 34.6372, -49.7627.



This preview shows how white text looks on a background with the YUV color 184.7420, 34.6372, -49.7627.

-49.7627.

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

184.7420, 34.6372, -49.7627

Protanopia

192.6110, 26.8138, -13.6908

Deuteranopia

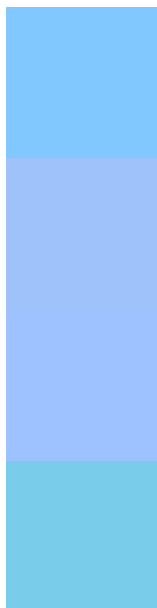
192.3380, 30.8924, -15.2054



Tritanopia

181.2130, 20.1080, -56.3148

Trichromacy



Original Color

184.7420, 34.6372, -49.7627

Protanomaly

189.9190, 29.6199, -27.1160

Deuteranomaly

189.6030, 32.2407, -27.7158

Tritanomaly

182.6030, 25.3387, -54.0258

Monochromacy



Original Color

184.7420, 34.6372, -49.7627

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.5060, 12.5685, -17.9838

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7420, 34.6372, -49.7627 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(128, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 200, 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(128, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 200, 255) }
```

Border

The CSS property to change the border of an element to YUV 184.7420, 34.6372, -49.7627 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(128, 200, 255) }
```


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

```
.border{ border-color:rgb(128, 200, 255) }
```

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

Here you see how a box with a 4 pixel rgb(128, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 200,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 184.7420, 34.6372, -49.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 200, 255) }
```

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

```
.background{ background-color: rgb(128,  
200, 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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