

Converting Colors

YUV(145.6190, 37.6558,
-84.7349)

Have a look what the booklet for
YUV(145.6190, 37.6558, -84.7349)
contains.

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Color

**YUV(145.6190, 37.6558,
-84.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	31B4DE
RGB	49, 180, 222
RGB Percent	19%, 71%, 87%
CMY	0.8078, 0.2941, 0.1294
CMYK	0.78, 0.19, 0.00, 0.13
HSL	195°, 72%, 53%
HSV	195°, 78%, 87%
XYZ	30.7727, 38.5694, 74.9300
YIQ	145.6190, -91.5580, -14.7100

Conversions

Conversions Part 2

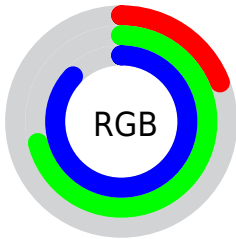
Format	Color
R_{YB}	49, 124, 222
Decimal	3257566
CIE _{Lab}	68.44, -20.63, -30.99
CIE _{LCh}	68, 37.229, 236.353
Yxy	38.5694, 0.2133, 0.2673
Android (android.graphics.Color)	4281447646 (0xFF31B4DE)
YUV	145.6190, 37.6558, -84.7349
Hunter-Lab	62.1043, -20.2357, -28.0615

Details

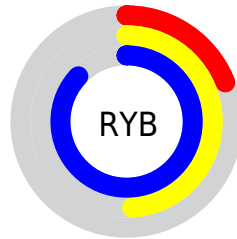
The YUV color **145.6190, 37.6558, -84.7349** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **125.3810, -37.6558, 84.7349**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0800, 25.1036, -71.9842**, and **93.5870, 36.1926, -82.0758** is the 20% darker color. If you saturate the color by 10%, you get **136.1060, 42.3457, -95.6860**, and if you desaturate by 10%, it is **155.1320, 32.9659, -73.7838**.

Distribution



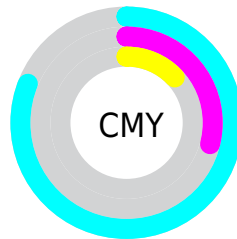
- Red (19%)
- Green (71%)
- Blue (87%)



- Red (19%)
- Yellow (49%)
- Blue (87%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (81%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6190, 37.6558, -84.7349 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 145.6190, 37.6558, -84.7349 by changing the saturation by 10% instead.

■ 145.6190, 37.6558,
-84.7349

■ 145.6190, 37.6558,
-84.7349

■ 255.0000, 0.0000,
0.0000

■ 111.9270, 40.4620,
-98.1600

■ 204.0800, 25.1036,
-71.9842

■ 93.5870, 36.1926,
-82.0758

■ 224.5020, 15.0355,
-62.7073

■ 75.8340, 31.6338,
-66.5064

■ 233.7710, 10.4659,
-43.6492

■ 58.8960, 27.6593,
-51.6518

■ 243.0400, 5.8963,
-24.5911

■ 42.5450, 23.3953,
-37.3120

■ 252.0100, 1.4741,
-6.1478

■ 27.4820, 18.9894,
-24.1017

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 145.6190, 37.6558,
-84.7349

■ 145.6190, 37.6558,
-84.7349

■ 136.1060, 42.3457,
-95.6860

■ 155.1320, 32.9659,
-73.7838

■ 126.0060, 47.3250,
-106.1223

■ 165.2320, 27.9866,
-63.3475

■ 123.9240, 48.3515,
-108.6813

■ 175.0440, 23.1493,
-51.7816

■ 185.1440, 18.1700,
-41.3453

■ 194.6570, 13.4801,
-30.3942

■ 204.1700, 8.7902,
-19.4431

■ 214.2700, 3.8109,
-9.0068

■ 224.0820, -1.0264,
2.5591

■ 234.1820, -6.0057,
12.9954

Harmonies

Analogous

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



137.2290, 28.9741, -100.1788



145.6190, 37.6558, -84.7349



160.2420, 36.3627, -43.1852

Triad

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



145.6190, 37.6558, -84.7349



170.5470, 0.7163, 50.3863



161.6490, -27.9280, -2.3232

Complementary

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



145.6190, 37.6558, -84.7349



125.3810, -37.6558, 84.7349

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.



164.6740, -32.3773, 24.8419



145.6190, 37.6558, -84.7349



169.1550, -14.8664, 55.1151

Square

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



145.6190, 37.6558, -84.7349



171.5410, 16.4953, 29.3435



167.4730, -27.3482, 45.1892



156.4200, -14.0111, -32.8173

Rectangle

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



145.6190, 37.6558, -84.7349



166.8540, 31.6240, -16.5350



167.4730, -27.3482, 45.1892



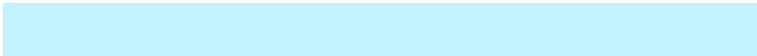
163.0200, -30.5759, 6.9985

Sweetspot

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



145.6190, 37.6558, -84.7349



229.1410, 12.7485, -29.0647



155.1110, -32.5927, -93.0593



111.9530, 7.9112, -17.4988



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.



145.6190, 37.6558, -84.7349



149.1940, 52.1624, -117.6881



95.7240, 62.2541, -40.9769



106.9500, 2.4897, -5.2181



98.1350, 38.3874, -86.0644



27.1910, 10.2588, -23.8465

Inverse Universe

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



115.6610, 31.7191, 93.2593



107.5080, 44.1196, 129.3505



175.2760, -62.2541, 40.9769



105.2010, 1.8729, 5.9627



67.7860, 32.1505, 94.9037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 145.6190, 37.6558, -84.7349 looks on a white background.

Color Contrast Check

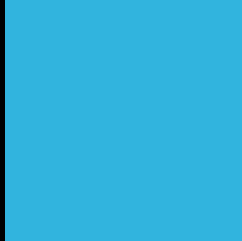
Large Text (above 18pt) WCAG AA × Fail

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 145.6190, 37.6558, -84.7349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

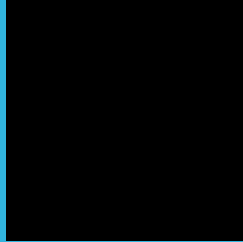
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.6190, 37.6558, -84.7349

Background



This preview shows how black text looks on a background with the YUV color 145.6190, 37.6558, -84.7349.

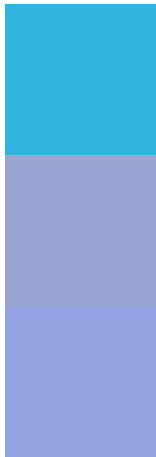


This preview shows how white text looks on a background with the YUV color 145.6190, 37.6558, -84.7349.

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

145.6190, 37.6558, -84.7349

Protanopia

166.2540, 21.5668, -10.7468

Deuteranopia

165.6970, 29.7294, -15.5203



Tritanopia

136.6740, 30.7267, -102.3231

Trichromacy



Original Color

145.6190, 37.6558, -84.7349

Protanomaly

158.8700, 27.1791, -37.5970

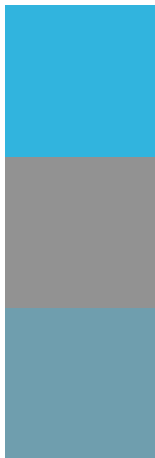
Deuteranomaly

158.3410, 32.8629, -40.6411

Tritanomaly

140.2880, 32.8890, -95.8456

Monochromacy



Original Color

145.6190, 37.6558, -84.7349

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7710, 13.9169, -30.4942

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6190, 37.6558, -84.7349 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, 180, 222)` looks like.

```
.text, #text, p{  
    color:rgb(49, 180, 222)  
}
```

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, 180, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 180, 222) }
```

Border

The CSS property to change the border of an element to YUV 145.6190, 37.6558, -84.7349 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, 180, 222) }
```


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

```
.border{ border-color:rgb(49, 180, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 180, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 180, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 180, 222);  
box-shadow:4px 4px 4px 4px rgb(49, 180,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 145.6190, 37.6558, -84.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 180, 222) }
```

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

```
.background{ background-color: rgb(49, 180,  
222) }
```

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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