

Converting Colors

YUV(183.9640, 31.5697, 0.9086)

Have a look what the booklet for
YUV(183.9640, 31.5697, 0.9086)
contains.

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Color

**YUV(183.9640, 31.5697,
0.9086)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ABF8
RGB	185, 171, 248
RGB Percent	73%, 67%, 97%
CMY	0.2745, 0.3294, 0.0275
CMYK	0.25, 0.31, 0.00, 0.03
HSL	251°, 85%, 82%
HSV	251°, 31%, 97%
XYZ	51.5138, 46.2174, 95.0127
YIQ	183.9640, -16.3730, 26.9150

Conversions

Conversions Part 2

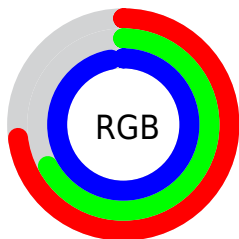
Format	Color
R _Y B	185, 171, 248
Decimal	12168184
CIE Lab	73.69, 21.08, -36.49
CIE LCh	74, 42.139, 300.018
Yxy	46.2174, 0.2673, 0.2398
Android (android.graphics.Color)	4290358264 (0xFFB9ABF8)
YUV	183.9640, 31.5697, 0.9086
Hunter-Lab	67.9834, 16.2857, -35.2746

Details

The YUV color $183.9640, 31.5697, 0.9086$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $235.0360, -31.5697, -0.9086$, and the grayscale version is $184.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.0900, 10.3086, 6.9371$, and $130.4970, 29.8280, -0.4359$ is the 20% darker color. If you saturate the color by 10%, you get $163.3090, 41.7527, 1.4830$, and if you desaturate by 10%, it is $204.6190, 21.3868, 0.3341$.

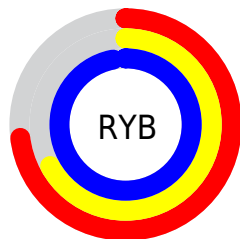
Distribution



Red (73%)

Green (67%)

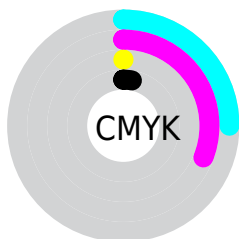
Blue (97%)



Red (73%)

Yellow (67%)

Blue (97%)

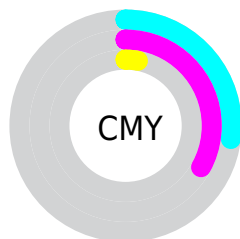


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9640, 31.5697, 0.9086 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 183.9640, 31.5697, 0.9086 by changing the saturation by 10% instead.

■ 183.9640, 31.5697,
0.9086

■ 183.9640, 31.5697,
0.9086

255.0000, 0.0000,
0.0000

■ 156.4370, 30.8436,
0.4938

■ 234.0900, 10.3086,
6.9371

■ 130.4970, 29.8280,
-0.4359

■ 104.9700, 29.1018,
-0.8507

■ 80.0300, 28.0862,
-1.7803

■ 56.4920, 27.3654,
-3.9395

■ 33.5410, 26.3553,
-6.6135

■ 8.9430, 26.6501,

-7.8430

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 183.9640, 31.5697,
0.9086

■ 183.9640, 31.5697,
0.9086

■ 163.3090, 41.7527,
1.4830

■ 204.6190, 21.3868,
0.3341

■ 142.3550, 52.0830,
1.4427

■ 225.5730, 11.0565,
0.3745

■ 122.2870, 61.9765,
1.5023

■ 245.6410, 1.1630,
0.3148

■ 101.6320, 72.1594,
2.0767

■ 254.2020, -3.0576,
0.6998

■ 80.9770, 82.3423,
2.6512

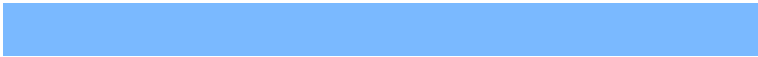
■ 60.0230, 92.6727,
2.6108

■ 41.7270, 101.6926,
2.8704

Harmonies

Analogous

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



174.1430, 39.8625, -45.7294



183.9640, 31.5697, 0.9086



186.5960, 16.4682, 38.0653

Triad

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



183.9640, 31.5697, 0.9086



180.8280, -32.4532, 49.2628



156.4470, 11.6116, -84.5840

Complementary

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



183.9640, 31.5697, 0.9086



235.0360, -31.5697, -0.9086

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.



167.8810, -13.2523, -42.8686



183.9640, 31.5697, 0.9086



178.4090, -37.1766, 24.1973

Square

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



183.9640, 31.5697, 0.9086



182.7600, -19.1087, 62.4775



174.0460, -30.0957, -7.0563



142.8390, 37.0544, -125.2698

Rectangle

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



183.9640, 31.5697, 0.9086



185.4210, 5.2154, 54.0048



174.0460, -30.0957, -7.0563



161.4290, 2.2535, -69.6592

Sweetspot

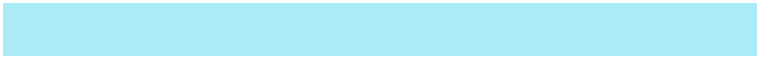
The Sweet Spot groups the original color and five complimentary colors.



183.9640, 31.5697, 0.9086



235.8180, 9.4567, 0.1596



217.3460, 15.1124, -40.6454



115.6070, 6.1097, 0.3447



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.



183.9640, 31.5697, 0.9086



176.7990, 38.5531, 1.0533



195.0270, 26.1157, 23.6553



114.3790, 5.2362, 0.5446



31.7120, 77.5430, 2.0066



10.2430, 25.0232, 0.6639

Inverse Universe

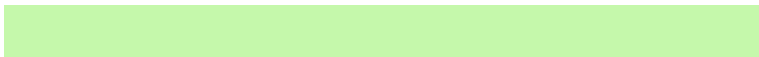
The Inverse Universe completely reimagines the original color for something new.



201.2050, 16.1679, 41.0392



197.8840, 19.7772, 50.0907



223.9730, -26.1157, -23.6553



117.1410, 2.8885, 6.8923



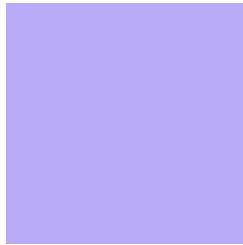
74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 183.9640, 31.5697, 0.9086 looks on a white background.

Color Contrast Check

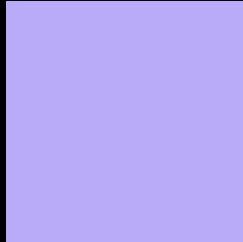
Large Text (above 18pt) WCAG AA × Fail

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 183.9640, 31.5697, 0.9086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

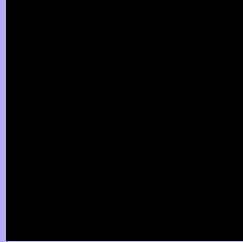
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.9640, 31.5697, 0.9086

Background



This preview shows how black text looks on a background with the YUV color 183.9640, 31.5697, 0.9086.



This preview shows how white text looks on a background with the YUV color 183.9640, 31.5697,

0.9086.

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

183.9640, 31.5697, 0.9086

Protanopia

180.6840, 36.1448, -19.8939

Deuteranopia

181.2560, 31.9188, -17.7645



Tritanopia

180.9160, 7.4364, -5.1883

Trichromacy



Original Color

183.9640, 31.5697, 0.9086

Protanomaly

181.6850, 34.6653, -12.0017

Deuteranomaly

182.3000, 31.8971, -10.7871

Tritanomaly

181.9300, 16.3035, -2.5696

Monochromacy



Original Color

183.9640, 31.5697, 0.9086

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.6870, 11.4933, 0.2745

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9640, 31.5697, 0.9086 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(185, 171, 248)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 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(185, 171, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 248) }
```

Border

The CSS property to change the border of an element to YUV 183.9640, 31.5697, 0.9086 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(185, 171, 248) }
```


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

```
.border{ border-color:rgb(185, 171, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 171, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 248);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 183.9640, 31.5697, 0.9086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 248) }
```

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

```
.background{ background-color: rgb(185,  
171, 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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