

Converting Colors

YUV(123.6740, 44.5307,
-49.7031)

Have a look what the booklet for
YUV(123.6740, 44.5307, -49.7031)
contains.

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Color

**YUV(123.6740, 44.5307,
-49.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	4387D6
RGB	67, 135, 214
RGB Percent	26%, 53%, 84%
CMY	0.7373, 0.4706, 0.1608
CMYK	0.69, 0.37, 0.00, 0.16
HSL	212°, 64%, 55%
HSV	212°, 69%, 84%
XYZ	23.1163, 23.3763, 66.9120
YIQ	123.6740, -65.8870, 10.1530

Conversions

Conversions Part 2

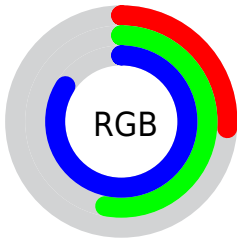
Format	Color
RYB	67, 113, 214
Decimal	4425686
CIELab	55.46, 4.09, -46.83
CIElCh	55, 47.013, 274.996
Yxy	23.3763, 0.2038, 0.2061
Android (android.graphics.Color)	4282615766 (0xFF4387D6)
YUV	123.6740, 44.5307, -49.7031
Hunter-Lab	48.3490, 0.7324, -48.2094

Details

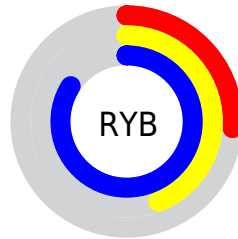
The YUV color **123.6740, 44.5307, -49.7031** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **157.3260, -44.5307, 49.7031**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2960, 37.8151, -42.3556**, and **68.6080, 44.5633, -60.1692** is the 20% darker color. If you saturate the color by 10%, you get **110.3510, 51.0990, -56.4358**, and if you desaturate by 10%, it is **136.9970, 37.9625, -42.9704**.

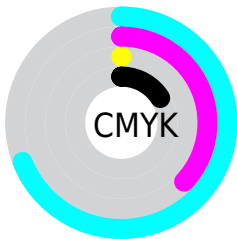
Distribution



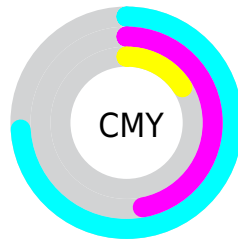
- Red (26%)
- Green (53%)
- Blue (84%)



- Red (26%)
- Yellow (44%)
- Blue (84%)



- Cyan (69%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (74%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6740, 44.5307, -49.7031 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 123.6740, 44.5307, -49.7031 by changing the saturation by 10% instead.

■ 123.6740, 44.5307,
-49.7031

■ 123.6740, 44.5307,
-49.7031

■ 255.0000, 0.0000,
0.0000

■ 92.9500, 45.8737,
-60.4691

■ 178.2960, 37.8151,
-42.3556

■ 68.6080, 44.5633,
-60.1692

■ 203.1150, 25.5793,
-37.8119

■ 52.0290, 39.4257,
-45.6294

■ 229.1080, 12.7648,
-34.2977

■ 36.8520, 34.5830,
-32.3192

■ 244.5350, 5.1592,
-21.5172

■ 22.2620, 29.4508,
-19.5238

■ 253.5050, 0.7370,
-3.0739

■ 9.5470, 23.8873,
-8.3727

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 123.6740, 44.5307,
-49.7031

■ 123.6740, 44.5307,
-49.7031

■ 110.3510, 51.0990,
-56.4358

■ 136.9970, 37.9625,
-42.9704

■ 97.3160, 57.5252,
-64.2981

■ 150.0320, 31.5362,
-35.1081

■ 83.9930, 64.0935,
-71.0309

■ 163.3550, 24.9680,
-28.3753

■ 82.5090, 64.8251,
-72.3604

■ 176.3900, 18.5417,
-20.5130

■ 189.7130, 11.9735,
-13.7803

■ 202.4490, 5.6946,
-6.5328

■ 216.0710, -1.0210,
0.8147

■ 228.8070, -7.2999,
8.0623

■ 240.9340,
-13.2785, 12.3359

Harmonies

Analogous

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



109.1860, 47.7293, -95.7561



123.6740, 44.5307, -49.7031



135.7090, 31.6955, 7.2712

Triad

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



123.6740, 44.5307, -49.7031



131.4890, -21.4401, 63.5921



112.5630, -7.6726, -59.2528

Complementary

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



123.6740, 44.5307, -49.7031



157.3260, -44.5307, 49.7031

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.



123.7030, -29.9266, -14.6485



123.6740, 44.5307, -49.7031



130.5950, -35.7893, 45.9592

Square

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



123.6740, 44.5307, -49.7031



133.4240, -2.6740, 64.5262



127.9800, -39.9231, 18.4345



105.6570, 16.4381, -92.6612

Rectangle

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



123.6740, 44.5307, -49.7031



136.5400, 21.4258, 34.6064



127.9800, -39.9231, 18.4345



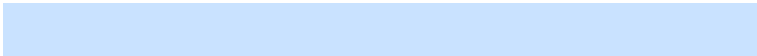
118.2680, -16.8941, -41.4540

Sweetspot

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



123.6740, 44.5307, -49.7031



221.8310, 16.3523, -18.2688



162.1810, -8.4702, -83.4737



107.8660, 9.9261, -10.4065



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.



123.6740, 44.5307, -49.7031



126.7650, 63.2199, -70.8309



85.2530, 63.4723, -11.6229



100.1890, 3.3578, -3.6738



65.8670, 51.8306, -57.7654



16.6420, 12.9945, -14.5950

Inverse Universe

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



118.7050, 8.0334, 83.5737



119.5490, 11.5613, 118.7905



195.7470, -63.4723, 11.6229



99.8590, 0.5625, 6.2627



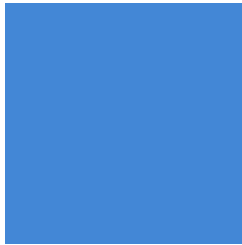
60.1350, 9.3004, 97.2286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 123.6740, 44.5307, -49.7031 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6740, 44.5307, -49.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

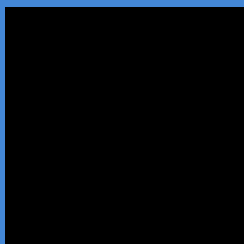
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

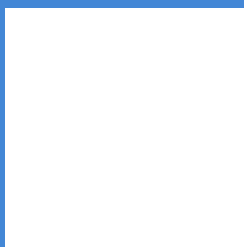
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.6740, 44.5307, -49.7031

Background



This preview shows how black text looks on a background with the YUV color 123.6740, 44.5307, -49.7031.



This preview shows how white text looks on a background with the YUV color 123.6740, 44.5307, -49.7031.

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

123.6740, 44.5307, -49.7031

Protanopia

130.0470, 38.9238, -24.5972

Deuteranopia

127.0990, 43.3352, -39.5518



Tritanopia

110.5910, 23.3726, -76.8173

Trichromacy



Original Color

123.6740, 44.5307, -49.7031

Protanomaly

127.5620, 41.1349, -33.8189

Deuteranomaly

126.1910, 43.7828, -43.1405

Tritanomaly

115.3070, 30.9076, -66.9212

Monochromacy



Original Color

123.6740, 44.5307, -49.7031

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8310, 16.3523, -18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6740, 44.5307, -49.7031 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(67, 135, 214)` looks like.

```
.text, #text, p{  
    color:rgb(67, 135, 214)  
}
```

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(67, 135, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 135, 214) }
```

Border

The CSS property to change the border of an element to YUV 123.6740, 44.5307, -49.7031 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(67, 135, 214) }
```


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

```
.border{ border-color:rgb(67, 135, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 135, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 135, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 135, 214);  
box-shadow:4px 4px 4px 4px rgb(67, 135,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 123.6740, 44.5307, -49.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 135, 214) }
```

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

```
.background{ background-color: rgb(67, 135,  
214) }
```

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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