

Converting Colors

YUV(126.9550, 51.7872,
-43.8105)

Have a look what the booklet for
YUV(126.9550, 51.7872, -43.8105)
contains.

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Color

**YUV(126.9550, 51.7872,
-43.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	4D84E8
RGB	77, 132, 232
RGB Percent	30%, 52%, 91%
CMY	0.6980, 0.4824, 0.0902
CMYK	0.67, 0.43, 0.00, 0.09
HSL	219°, 77%, 61%
HSV	219°, 67%, 91%
XYZ	25.8773, 23.9065, 79.5945
YIQ	126.9550, -64.8800, 19.4400

Conversions

Conversions Part 2

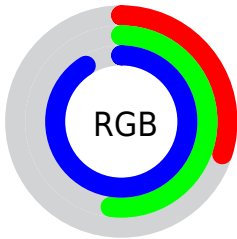
Format	Color
RYB	77, 118, 232
Decimal	5080296
CIELab	55.99, 13.74, -56.04
CIElCh	56, 57.698, 283.781
Yxy	23.9065, 0.2000, 0.1848
Android (android.graphics.Color)	4283270376 (0xFF4D84E8)
YUV	126.9550, 51.7872, -43.8105
Hunter-Lab	48.8943, 8.9062, -62.2916

Details

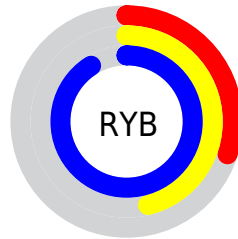
The YUV color **126.9550, 51.7872, -43.8105** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **182.0450, -51.7872, 43.8105**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5250, 37.2092, -34.6634**, and **68.7850, 52.8570, -60.3244** is the 20% darker color. If you saturate the color by 10%, you get **111.2730, 59.5184, -50.2284**, and if you desaturate by 10%, it is **142.6370, 44.0560, -37.3926**.

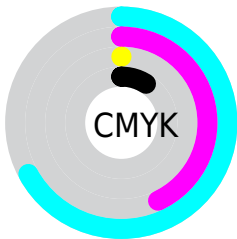
Distribution



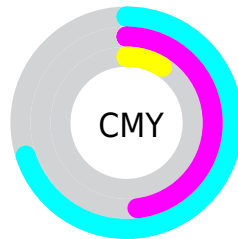
- Red (30%)
- Green (52%)
- Blue (91%)



- Red (30%)
- Yellow (46%)
- Blue (91%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (48%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9550, 51.7872, -43.8105 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 126.9550, 51.7872, -43.8105 by changing the saturation by 10% instead.

■ 126.9550, 51.7872,
-43.8105

■ 126.9550, 51.7872,
-43.8105

255.0000, 0.0000,
0.0000

■ 97.0140, 52.2511,
-52.6323

■ 179.5250, 37.2092,
-34.6634

■ 68.7850, 52.8570,
-60.3244

■ 204.6430, 24.8260,
-29.5049

■ 52.6790, 46.9933,
-46.1995

■ 230.0490, 12.3008,
-25.4760

■ 37.3880, 41.7137,
-32.7893

■ 247.8240, 3.5378,
-14.7546

■ 23.3850, 36.2922,
-20.5086

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 126.9550, 51.7872,
-43.8105

■ 126.9550, 51.7872,
-43.8105

■ 111.2730, 59.5184,
-50.2284

■ 142.6370, 44.0560,
-37.3926

■ 95.5910, 67.2496,
-56.6463

■ 158.3190, 36.3247,
-30.9748

■ 79.6100, 75.1283,
-63.6790

■ 174.3000, 28.4461,
-23.9421

■ 74.5820, 77.6071,
-65.4084

■ 189.9820, 20.7149,
-17.5242

■ 205.6640, 12.9836,
-11.1063

■ 221.3460, 5.2524,
-4.6884

■ 237.0280, -2.4788,
1.7294

■ 250.6170, -9.1782,
3.8439

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



112.5090, 57.9231, -98.6704



126.9550, 51.7872, -43.8105



138.3890, 33.8252, 24.2148

Triad

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



126.9550, 51.7872, -43.8105



130.6120, -31.3607, 72.2543



103.4280, 0.2820, -90.7064

Complementary

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



126.9550, 51.7872, -43.8105



182.0450, -51.7872, 43.8105

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.



118.7670, -30.4511, -33.1217



126.9550, 51.7872, -43.8105



129.4520, -49.0298, 46.0846

Square

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



126.9550, 51.7872, -43.8105



130.6390, -8.6960, 82.7546



125.2490, -51.3948, 11.1826



110.6440, 22.8535, -97.0348

Rectangle

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



126.9550, 51.7872, -43.8105



136.5580, 20.9239, 55.6386



125.2490, -51.3948, 11.1826



101.0170, -6.4174, -88.5919

Sweetspot

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



126.9550, 51.7872, -43.8105



220.3800, 17.0677, -14.3653



179.1570, -2.0494, -89.5917



106.9910, 10.3574, -8.7621



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.



126.9550, 51.7872, -43.8105



116.5200, 68.2706, -57.4610



100.9490, 64.6081, -2.5863



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



129.6150, 1.1758, 89.7916



120.2040, 1.3784, 118.2161



208.0510, -64.6081, 2.5863



107.0440, -0.0217, 6.9774



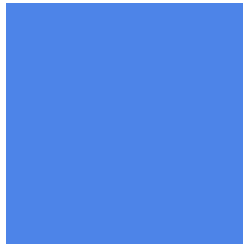
60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 126.9550, 51.7872, -43.8105 looks on a white background.

Color Contrast Check

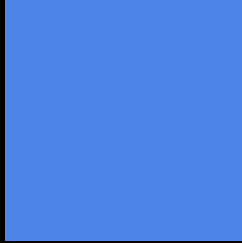
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9550, 51.7872, -43.8105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

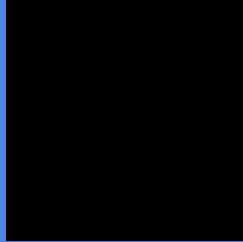
Any Text WCAG AA ✓ Pass

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 126.9550, 51.7872, -43.8105 Background



This preview shows how black text looks on a background with the YUV color 126.9550, 51.7872, -43.8105.



This preview shows how white text looks on a background with the YUV color 126.9550, 51.7872, -43.8105.

-43.8105.

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

126.9550, 51.7872, -43.8105

Protanopia

129.1410, 49.7235, -35.2037

Deuteranopia

122.3230, 53.5778, -58.1653



Tritanopia

112.2920, 23.5200, -77.4321

Trichromacy



Original Color

126.9550, 51.7872, -43.8105

Protanomaly

128.6460, 50.4605, -38.2775

Deuteranomaly

124.1280, 52.6879, -52.7323

Tritanomaly

117.4150, 33.8124, -65.2620

Monochromacy



Original Color

126.9550, 51.7872, -43.8105

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1240, 18.6729, -15.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9550, 51.7872, -43.8105 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(77, 132, 232)` looks like.

```
.text, #text, p{  
    color:rgb(77, 132, 232)  
}
```

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(77, 132, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 132, 232) }
```

Border

The CSS property to change the border of an element to YUV 126.9550, 51.7872, -43.8105 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(77, 132, 232) }
```


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

```
.border{ border-color:rgb(77, 132, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 132, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 132, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 132, 232);  
box-shadow:4px 4px 4px 4px rgb(77, 132,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 126.9550, 51.7872, -43.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 132, 232) }
```

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

```
.background{ background-color: rgb(77, 132,  
232) }
```

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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