

Converting Colors

YUV(111.4850, 54.4839,
-68.8313)

Have a look what the booklet for
YUV(111.4850, 54.4839, -68.8313)
contains.

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Color

**YUV(111.4850, 54.4839,
-68.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	2182DE
RGB	33, 130, 222
RGB Percent	13%, 51%, 87%
CMY	0.8706, 0.4902, 0.1294
CMYK	0.85, 0.41, 0.00, 0.13
HSL	209°, 74%, 50%
HSV	209°, 85%, 87%
XYZ	21.7946, 21.5625, 72.1205
YIQ	111.4850, -87.3440, 8.0480

Conversions

Conversions Part 2

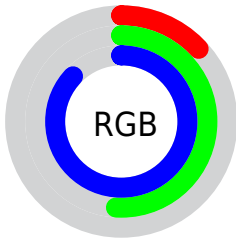
Format	Color
R_{YB}	33, 97, 222
Decimal	2196190
CIE _{Lab}	53.56, 6.21, -54.41
CIE _{LCh}	54, 54.762, 276.512
Yxy	21.5625, 0.1887, 0.1867
Android (android.graphics.Color)	4280386270 (0xFF2182DE)
YUV	111.4850, 54.4839, -68.8313
Hunter-Lab	46.4355, 2.5175, -59.5805

Details

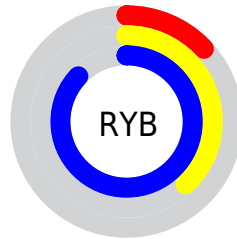
The YUV color **111.4850, 54.4839, -68.8313** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **143.5150, -54.4839, 68.8313**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3920, 42.2047, -50.3328**, and **67.0580, 48.7784, -58.8099** is the 20% darker color. If you saturate the color by 10%, you get **98.4500, 60.9102, -76.6936**, and if you desaturate by 10%, it is **124.5200, 48.0576, -60.9690**.

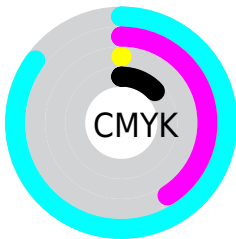
Distribution



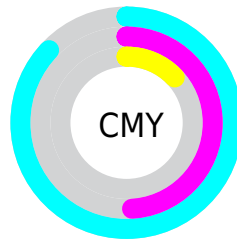
- Red (13%)
- Green (51%)
- Blue (87%)



- Red (13%)
- Yellow (38%)
- Blue (87%)



- Cyan (85%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4850, 54.4839, -68.8313 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 111.4850, 54.4839, -68.8313 by changing the saturation by 10% instead.

■ 111.4850, 54.4839,
-68.8313

■ 111.4850, 54.4839,
-68.8313

■ 255.0000, 0.0000,
0.0000

■ 83.7510, 54.3528,
-73.4496

■ 169.3920, 42.2047,
-50.3328

■ 67.0580, 48.7784,
-58.8099

■ 195.3960, 29.3848,
-45.0743

■ 50.4790, 43.6409,
-44.2701

■ 221.1010, 16.7122,
-40.4306

■ 35.7750, 38.0719,
-31.3747

■ 240.0500, 7.3704,
-30.7388

■ 20.5980, 33.2292,
-18.0644

■ 249.3190, 2.8007,
-11.6808

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 111.4850, 54.4839,
-68.8313

■ 111.4850, 54.4839,
-68.8313

■ 98.4500, 60.9102,
-76.6936

■ 124.5200, 48.0576,
-60.9690

■ 92.2260, 63.9786,
-80.8822

■ 137.5550, 41.6314,
-53.1067

■ 150.3020, 35.3471,
-44.1149

■ 163.3370, 28.9209,
-36.2525

■ 176.3720, 22.4946,
-28.3902

■ 189.4070, 16.0683,
-20.5279

■ 202.4420, 9.6421,
-12.6656

■ 215.1890, 3.3578,
-3.6738

■ 228.2240, -3.0684,
4.1886

Harmonies

Analogous

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



108.3370, 52.0919, -95.0115



111.4850, 54.4839, -68.8313



131.1700, 35.9052, 10.3749

Triad

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



111.4850, 54.4839, -68.8313



124.9200, -25.1036, 71.9842



96.9080, -4.3916, -84.9883

Complementary

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



111.4850, 54.4839, -68.8313



143.5150, -54.4839, 68.8313

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.



115.8180, -34.4203, -20.0114



111.4850, 54.4839, -68.8313



124.3800, -43.0783, 50.5327

Square

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



111.4850, 54.4839, -68.8313



125.5010, -2.7120, 76.7366



120.7600, -49.6747, 19.5045



103.6680, 16.4327, -90.9168

Rectangle

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



111.4850, 54.4839, -68.8313



131.3930, 24.4563, 42.6283



120.7600, -49.6747, 19.5045



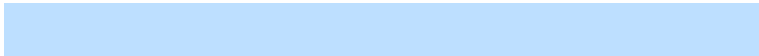
106.8810, -16.7033, -56.0236

Sweetspot

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



111.4850, 54.4839, -68.8313



216.4820, 18.9894, -24.1017



154.3170, -14.9463, -106.3950



104.3000, 11.6841, -14.2951



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.



111.4850, 54.4839, -68.8313



105.9670, 73.4733, -92.9331



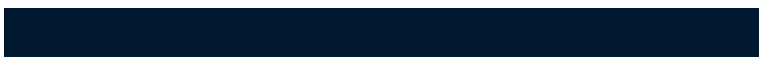
56.3070, 81.6866, -20.4402



105.7760, 3.0684, -4.1886



72.8940, 50.8313, -63.9280



20.1470, 13.7315, -17.6689

Inverse Universe

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



100.5690, 14.5095, 106.4950



91.1790, 19.6318, 143.6710



198.6930, -81.6866, 20.4402



104.9730, 0.9993, 6.1627



62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 111.4850, 54.4839, -68.8313 looks on a white background.

Color Contrast Check

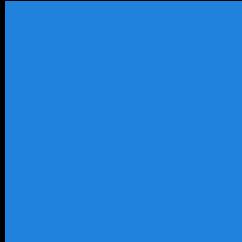
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4850, 54.4839, -68.8313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

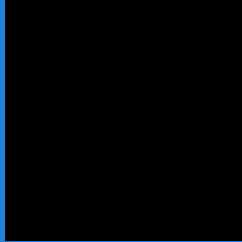
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

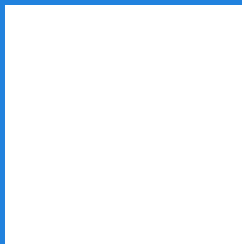
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.4850, 54.4839, -68.8313

Background



This preview shows how black text looks on a background with the YUV color 111.4850, 54.4839, -68.8313.



This preview shows how white text looks on a background with the YUV color 111.4850, 54.4839, -68.8313.

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

111.4850, 54.4839, -68.8313

Protanopia

123.4250, 45.6395, -31.9447

Deuteranopia

115.3830, 52.5622, -59.0949



Tritanopia

99.9810, 25.1524, -87.6833

Trichromacy



Original Color

111.4850, 54.4839, -68.8313

Protanomaly

118.8470, 48.8824, -45.4698

Deuteranomaly

113.8880, 53.2992, -62.1688

Tritanomaly

104.1850, 35.8978, -80.8462

Monochromacy



Original Color

111.4850, 54.4839, -68.8313

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2970, 19.5736, -24.8165

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4850, 54.4839, -68.8313 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(33, 130, 222)` looks like.

```
.text, #text, p{  
    color:rgb(33, 130, 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(33, 130, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 130, 222) }
```

Border

The CSS property to change the border of an element to YUV 111.4850, 54.4839, -68.8313 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(33, 130, 222) }
```


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

```
.border{ border-color:rgb(33, 130, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 130, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 130, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 130, 222);  
box-shadow:4px 4px 4px 4px rgb(33, 130,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 111.4850, 54.4839, -68.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 130, 222) }
```

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

```
.background{ background-color: rgb(33, 130,  
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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