

Converting Colors

YUV(109.8450, 35.0794,
-51.6071)

Have a look what the booklet for
YUV(109.8450, 35.0794, -51.6071)
contains.

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Color

**YUV(109.8450, 35.0794,
-51.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	337EB5
RGB	51, 126, 181
RGB Percent	20%, 49%, 71%
CMY	0.8000, 0.5059, 0.2902
CMYK	0.72, 0.30, 0.00, 0.29
HSL	205°, 56%, 45%
HSV	205°, 72%, 71%
XYZ	17.1666, 18.9617, 46.4713
YIQ	109.8450, -62.3550, 1.2050

Conversions

Conversions Part 2

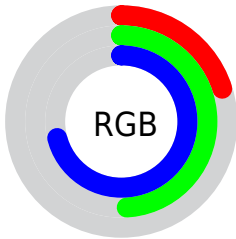
Format	Color
RYB	51, 99, 181
Decimal	3374773
CIELab	50.64, -4.62, -35.68
CIELCh	51, 35.979, 262.620
Yxy	18.9617, 0.2078, 0.2296
Android (android.graphics.Color)	4281564853 (0xFF337EB5)
YUV	109.8450, 35.0794, -51.6071
Hunter-Lab	43.5450, -5.8345, -32.7927

Details

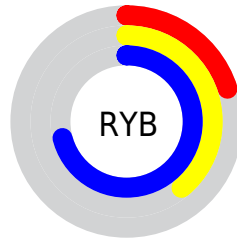
The YUV color **109.8450, 35.0794, -51.6071** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **122.1550, -35.0794, 51.6071**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2910, 35.3525, -45.8592**, and **59.7910, 33.6270, -52.4367** is the 20% darker color. If you saturate the color by 10%, you get **99.7670, 40.0479, -58.5547**, and if you desaturate by 10%, it is **119.9230, 30.1110, -44.6595**.

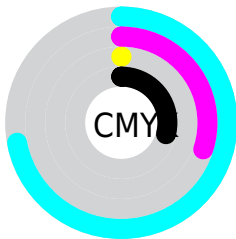
Distribution



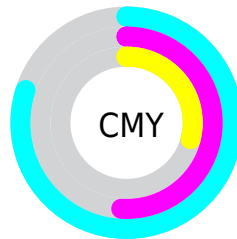
- Red (20%)
- Green (49%)
- Blue (71%)



- Red (20%)
- Yellow (39%)
- Blue (71%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8450, 35.0794, -51.6071 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 109.8450, 35.0794, -51.6071 by changing the saturation by 10% instead.

■ 109.8450, 35.0794,
-51.6071

■ 109.8450, 35.0794,
-51.6071

■ 255.0000, 0.0000,
0.0000

■ 76.8430, 38.0384,
-67.3913

■ 165.2910, 35.3525,
-45.8592

■ 59.7910, 33.6270,
-52.4367

■ 192.4500, 30.8372,
-44.2446

■ 43.9130, 28.6369,
-38.5117

■ 217.5570, 18.4594,
-40.8305

■ 28.8500, 24.2310,
-25.3014

■ 238.8540, 7.9600,
-33.1980

■ 11.5530, 21.4194,
-10.1320

■ 247.5250, 3.6852,
-15.3694

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 109.8450, 35.0794,
-51.6071

■ 109.8450, 35.0794,
-51.6071

■ 99.7670, 40.0479,
-58.5547

■ 119.9230, 30.1110,
-44.6595

■ 90.2760, 44.7269,
-66.0171

■ 129.4140, 25.4319,
-37.1971

■ 81.6820, 48.9638,
-71.6351

■ 139.4920, 20.4634,
-30.2495

■ 149.5700, 15.4950,
-23.3019

■ 159.3600, 10.6685,
-15.2247

■ 169.4380, 5.7001,
-8.2771

■ 179.5160, 0.7316,
-1.3295

■ 189.0070, -3.9475,
6.1329

■ 199.0850, -8.9159,
13.0805

Harmonies

Analogous

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



97.3370, 35.3299, -85.3645



109.8450, 35.0794, -51.6071



121.1710, 27.5237, -8.0430

Triad

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



109.8450, 35.0794, -51.6071



121.7460, -11.2138, 50.2118



111.3390, -14.4641, -27.4843

Complementary

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



109.8450, 35.0794, -51.6071



122.1550, -35.0794, 51.6071

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.



115.7140, -26.4810, 0.2508



109.8450, 35.0794, -51.6071



120.1890, -23.2642, 41.9302

Square

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



109.8450, 35.0794, -51.6071



123.0840, 2.9166, 44.6533



118.4720, -29.3197, 24.1421



100.0750, 5.8790, -65.8408

Rectangle

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



109.8450, 35.0794, -51.6071



124.1800, 20.6173, 13.8741



118.4720, -29.3197, 24.1421



113.1400, -19.2960, -17.6628

Sweetspot

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



109.8450, 35.0794, -51.6071



206.5380, 14.0318, -20.6428



133.4660, -14.0337, -72.3227



100.3990, 8.1843, -11.7509



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.8450, 35.0794, -51.6071



124.1200, 54.6638, -79.9122



72.2770, 53.6004, -18.6599



83.9610, 2.4842, -3.4738



69.0980, 41.3637, -60.5989



11.7690, 7.0159, -10.3214

Inverse Universe

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



98.4200, 13.5969, 72.4227



106.6220, 20.8924, 112.5875



159.7230, -53.6004, 18.6599



83.2610, 0.8573, 5.0331



55.7790, 15.8850, 85.2628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 109.8450, 35.0794, -51.6071 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 109.8450, 35.0794, -51.6071 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 109.8450, 35.0794, -51.6071 Background



This preview shows how black text looks on a background with the YUV color 109.8450, 35.0794, -51.6071.



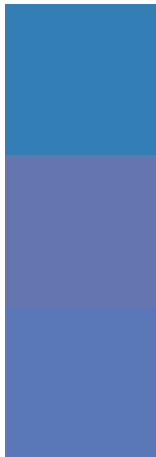
This preview shows how white text looks on a background with the YUV color 109.8450, 35.0794, -51.6071.

-51.6071.

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

109.8450, 35.0794, -51.6071

Protanopia

119.3010, 26.9666, -16.0500

Deuteranopia

118.2120, 31.9405, -24.7419



Tritanopia

98.9720, 22.1988, -73.6434

Trichromacy



Original Color

109.8450, 35.0794, -51.6071

Protanomaly

116.0220, 30.0622, -28.9603

Deuteranomaly

115.0860, 32.9886, -34.2784

Tritanomaly

102.5800, 26.8291, -65.4067

Monochromacy



Original Color

109.8450, 35.0794, -51.6071

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2070, 12.7159, -18.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8450, 35.0794, -51.6071 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(51, 126, 181)` looks like.

```
.text, #text, p{  
    color:rgb(51, 126, 181)  
}
```

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(51, 126, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 126, 181) }
```

Border

The CSS property to change the border of an element to YUV 109.8450, 35.0794, -51.6071 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(51, 126, 181) }
```


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

```
.border{ border-color:rgb(51, 126, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 126, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 126, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 126, 181);  
box-shadow:4px 4px 4px 4px rgb(51, 126,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 109.8450, 35.0794, -51.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 126, 181) }
```

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

```
.background{ background-color: rgb(51, 126,  
181) }
```

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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