

Converting Colors

YUV(136.8710, 48.8706,
-88.4639)

Have a look what the booklet for
YUV(136.8710, 48.8706, -88.4639)
contains.

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Color

**YUV(136.8710, 48.8706,
-88.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	24A9EC
RGB	36, 169, 236
RGB Percent	14%, 66%, 93%
CMY	0.8588, 0.3373, 0.0745
CMYK	0.85, 0.28, 0.00, 0.07
HSL	200°, 84%, 53%
HSV	200°, 85%, 93%
XYZ	30.0558, 34.8071, 84.4912
YIQ	136.8710, -100.7750, -7.3590

Conversions

Conversions Part 2

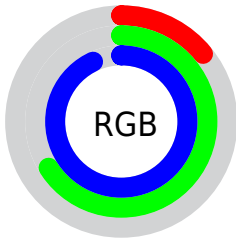
Format	Color
R _{YB}	36, 116, 236
Decimal	2402796
CIE Lab	65.60, -11.07, -43.10
CIE LCh	66, 44.500, 255.592
Yxy	34.8071, 0.2012, 0.2331
Android (android.graphics.Color)	4280592876 (0xFF24A9EC)
YUV	136.8710, 48.8706, -88.4639
Hunter-Lab	58.9976, -12.3103, -43.6117

Details

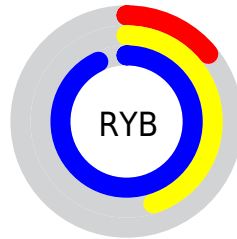
The YUV color **136.8710, 48.8706, -88.4639** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **135.1290, -48.8706, 88.4639**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5410, 29.3133, -68.8805**, and **89.1990, 44.7649, -78.2275** is the 20% darker color. If you saturate the color by 10%, you get **124.9990, 54.7235, -99.1001**, and if you desaturate by 10%, it is **148.7430, 43.0177, -77.8276**.

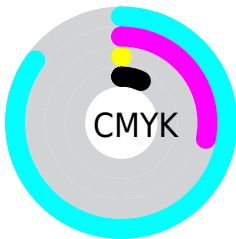
Distribution



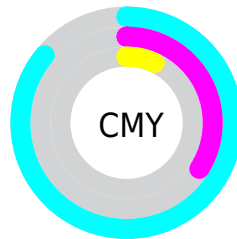
- Red (14%)
- Green (66%)
- Blue (93%)



- Red (14%)
- Yellow (45%)
- Blue (93%)



- Cyan (85%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)



- Cyan (86%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8710, 48.8706, -88.4639 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 136.8710, 48.8706, -88.4639 by changing the saturation by 10% instead.

■ 136.8710, 48.8706,
-88.4639

■ 136.8710, 48.8706,
-88.4639

■ 255.0000, 0.0000,
0.0000

■ 107.6530, 49.4711,
-94.4117

■ 195.5410, 29.3133,
-68.8805

■ 89.1990, 44.7649,
-78.2275

■ 222.1320, 16.2039,
-64.1368

■ 72.0330, 39.9167,
-63.1729

■ 232.8740, 10.9081,
-45.4935

■ 54.8670, 35.0686,
-48.1184

■ 242.1430, 6.3385,
-26.4354

■ 39.1030, 30.5152,
-34.2933

■ 251.4120, 1.7689,
-7.3773

■ 25.2140, 25.5305,
-22.1127

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 136.8710, 48.8706,
-88.4639

■ 136.8710, 48.8706,
-88.4639

■ 124.9990, 54.7235,
-99.1001

■ 148.7430, 43.0177,
-77.8276

■ 119.0630, 57.6499,
-104.4183

■ 160.3160, 37.3122,
-67.8061

■ 172.1880, 31.4593,
-57.1699

■ 183.7610, 25.7538,
-47.1484

■ 195.6330, 19.9009,
-36.5121

■ 206.9180, 14.3374,
-25.3611

■ 218.4910, 8.6319,
-15.3396

■ 230.3630, 2.7790,
-4.7034

■ 241.9360, -2.9264,
5.3181

Harmonies

Analogous

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



128.4090, 42.6894, -112.6147



136.8710, 48.8706, -88.4639



157.9440, 38.4816, -22.7529

Triad

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



136.8710, 48.8706, -88.4639



160.7740, -10.2416, 65.0962



148.4610, -22.9053, -26.7143

Complementary

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



136.8710, 48.8706, -88.4639



135.1290, -48.8706, 88.4639

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.



154.1250, -36.5436, 7.7834



136.8710, 48.8706, -88.4639



159.2620, -27.2442, 58.5292

Square

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



136.8710, 48.8706, -88.4639



163.2190, 8.2730, 53.3049



157.0840, -37.5094, 37.6373



137.8480, 0.0749, -70.9037

Rectangle

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



136.8710, 48.8706, -88.4639



162.9650, 30.0903, 8.8007



157.0840, -37.5094, 37.6373



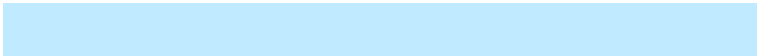
150.3440, -28.7636, -14.3337

Sweetspot

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



136.8710, 48.8706, -88.4639



223.5370, 15.5113, -28.5349



161.0380, -28.6127, -109.6583



108.7080, 9.5110, -17.2839



0.0000, 0.0000, 0.0000



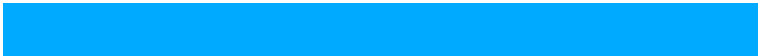
128.0000, 0.0000, 0.0000

Same Dimension

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



136.8710, 48.8706, -88.4639



128.8600, 62.1870, -113.0102



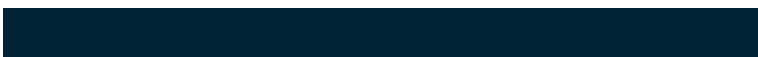
78.1710, 77.8097, -36.9840



111.3630, 2.7790, -4.7034



91.0740, 44.3335, -79.8719



27.2880, 13.1690, -23.9316

Inverse Universe

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



110.9620, 28.6127, 109.6583



95.6250, 36.6669, 139.7719



193.8290, -77.8097, 36.9840



110.0870, 1.4361, 6.0627



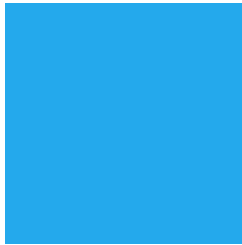
67.7990, 25.7351, 99.2773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 136.8710, 48.8706, -88.4639 looks on a white background.

Color Contrast Check

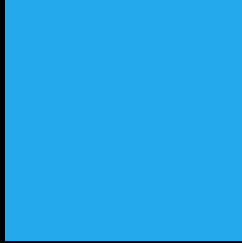
Large Text (above 18pt) WCAG AA × Fail

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 136.8710, 48.8706, -88.4639 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

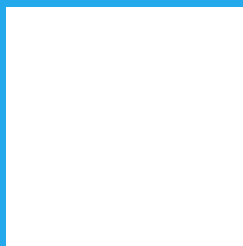
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.8710, 48.8706, -88.4639

Background



This preview shows how black text looks on a background with the YUV color 136.8710, 48.8706, -88.4639.

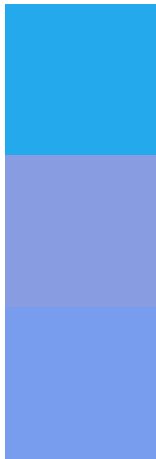


This preview shows how white text looks on a background with the YUV color 136.8710, 48.8706, -88.4639.

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

136.8710, 48.8706, -88.4639

Protanopia

157.8860, 33.0872, -19.1940

Deuteranopia

155.2850, 41.2715, -30.9449



Tritanopia

124.8580, 31.6220, -109.5005

Trichromacy



Original Color

136.8710, 48.8706, -88.4639

Protanomaly

150.5130, 38.6941, -44.2999

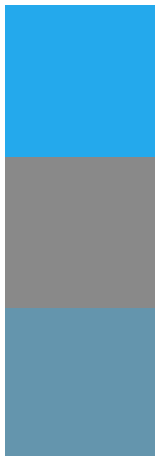
Deuteranomaly

148.2500, 44.2467, -51.9622

Tritanomaly

128.9220, 37.9995, -101.6636

Monochromacy



Original Color

136.8710, 48.8706, -88.4639

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0850, 17.7061, -32.5235

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8710, 48.8706, -88.4639 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(36, 169, 236)` looks like.

```
.text, #text, p{  
    color:rgb(36, 169, 236)  
}
```

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(36, 169, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 169, 236) }
```

Border

The CSS property to change the border of an element to YUV 136.8710, 48.8706, -88.4639 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(36, 169, 236) }
```


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

```
.border{ border-color:rgb(36, 169, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 169, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 169, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 169, 236);  
box-shadow:4px 4px 4px 4px rgb(36, 169,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 136.8710, 48.8706, -88.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 169, 236) }
```

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

```
.background{ background-color: rgb(36, 169,  
236) }
```

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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