

Converting Colors

YUV(135.6830, 44.0333,
-76.8980)

Have a look what the booklet for
YUV(135.6830, 44.0333, -76.8980)
contains.

YUV(135.6830, 44.0333, -76.8980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.6830, 44.0333,
-76.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	30A3E1
RGB	48, 163, 225
RGB Percent	19%, 64%, 88%
CMY	0.8118, 0.3608, 0.1176
CMYK	0.79, 0.28, 0.00, 0.12
HSL	201°, 75%, 54%
HSV	201°, 79%, 88%
XYZ	27.9067, 32.2590, 75.9899
YIQ	135.6830, -88.4420, -5.0980

Conversions

Conversions Part 2

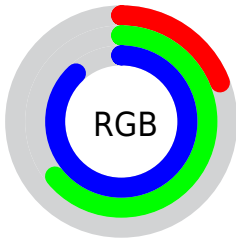
Format	Color
R _Y B	48, 118, 225
Decimal	3187681
CIE Lab	63.56, -10.59, -40.24
CIE LCh	64, 41.608, 255.251
Yxy	32.2590, 0.2050, 0.2369
Android (android.graphics.Color)	4281377761 (0xFF30A3E1)
YUV	135.6830, 44.0333, -76.8980
Hunter-Lab	56.7970, -11.6903, -39.5674

Details

The YUV color **135.6830, 44.0333, -76.8980** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **137.3170, -44.0333, 76.8980**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9160, 30.6074, -63.9473**, and **85.0100, 41.4071, -74.5538** is the 20% darker color. If you saturate the color by 10%, you get **124.4090, 49.5914, -86.3047**, and if you desaturate by 10%, it is **147.2560, 38.3278, -66.8765**.

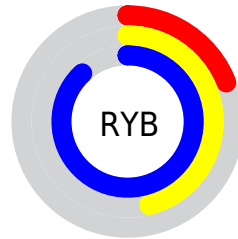
Distribution



Red (19%)

Green (64%)

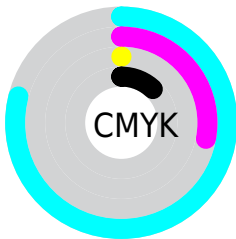
Blue (88%)



Red (19%)

Yellow (46%)

Blue (88%)

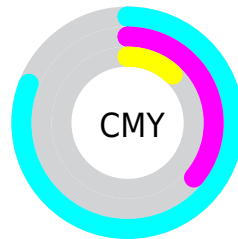


Cyan (79%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (81%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6830, 44.0333, -76.8980 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 135.6830, 44.0333, -76.8980 by changing the saturation by 10% instead.

■ 135.6830, 44.0333,
-76.8980

■ 135.6830, 44.0333,
-76.8980

■ 255.0000, 0.0000,
0.0000

■ 102.8770, 46.4026,
-90.2231

■ 192.9160, 30.6074,
-63.9473

■ 85.0100, 41.4071,
-74.5538

■ 218.9200, 17.7874,
-58.6888

■ 67.3710, 37.2851,
-59.0844

■ 233.4720, 10.6133,
-44.2639

■ 50.9060, 32.5843,
-44.6446

■ 242.4420, 6.1911,
-25.8206

■ 35.1420, 28.0310,
-30.8195

■ 251.7110, 1.6215,
-6.7625

■ 21.2530, 23.0463,
-18.6389

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.6830, 44.0333,
-76.8980

■ 135.6830, 44.0333,
-76.8980

■ 124.4090, 49.5914,
-86.3047

■ 147.2560, 38.3278,
-66.8765

■ 112.8360, 55.2969,
-96.3262

■ 158.5300, 32.7697,
-57.4698

■ 111.3520, 56.0285,
-97.6557

■ 170.1030, 27.0642,
-47.4483

■ 181.3770, 21.5061,
-38.0416

■ 192.3630, 16.0900,
-27.5054

■ 203.6370, 10.5320,
-18.0986

■ 215.2100, 4.8265,
-8.0772

■ 226.4840, -0.7316,
1.3295

■ 238.0570, -6.4371,
11.3510

Harmonies

Analogous

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



123.2740, 40.7839, -108.1113



135.6830, 44.0333, -76.8980



152.5590, 35.7134, -21.5382

Triad

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



135.6830, 44.0333, -76.8980



155.5670, -9.6465, 60.8927



144.4120, -21.8951, -24.0403

Complementary

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



135.6830, 44.0333, -76.8980



137.3170, -44.0333, 76.8980

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.



149.1080, -34.0702, 7.7983



135.6830, 44.0333, -76.8980



153.8100, -25.0493, 54.5406

Square

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



135.6830, 44.0333, -76.8980



157.7840, 7.9945, 49.3014



152.1700, -34.5938, 35.8079



135.0770, -0.5310, -63.2115

Rectangle

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



135.6830, 44.0333, -76.8980



157.4980, 28.3485, 7.4563



152.1700, -34.5938, 35.8079



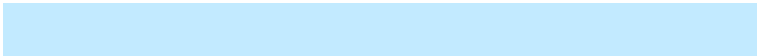
145.9250, -26.5850, -13.0892

Sweetspot

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



135.6830, 44.0333, -76.8980



224.4340, 15.0690, -26.6906



158.9670, -24.1407, -97.3181



109.3060, 9.2161, -16.0544



0.0000, 0.0000, 0.0000



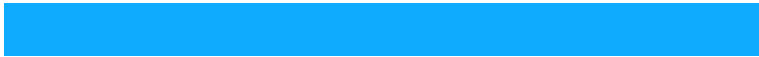
128.0000, 0.0000, 0.0000

Same Dimension

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



135.6830, 44.0333, -76.8980



133.9320, 59.6865, -104.3034



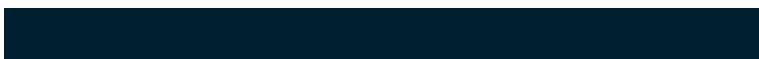
84.0270, 69.4997, -31.5957



106.3630, 2.7790, -4.7034



86.9820, 43.8859, -76.2832



23.6690, 11.9952, -20.7577

Inverse Universe

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



114.0330, 24.1407, 97.3181



104.5440, 32.7628, 131.9499



188.9730, -69.4997, 31.5957



105.0870, 1.4361, 6.0627



65.6200, 23.8513, 96.8033



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 135.6830, 44.0333, -76.8980 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 135.6830, 44.0333, -76.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

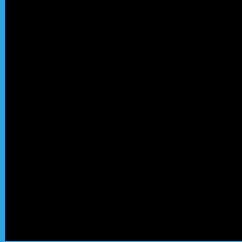
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

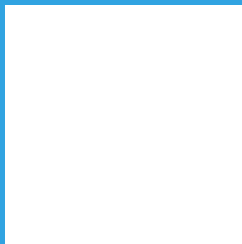
Any Text WCAG AAA ✓ Pass

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

YUV 135.6830, 44.0333, -76.8980 Background



This preview shows how black text looks on a background with the YUV color 135.6830, 44.0333, -76.8980.

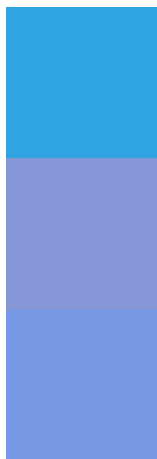


This preview shows how white text looks on a background with the YUV color 135.6830, 44.0333, -76.8980.

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

135.6830, 44.0333, -76.8980

Protanopia

152.9140, 30.6084, -17.4646

Deuteranopia

150.7970, 38.0611, -27.8860



Tritanopia

120.6520, 30.7376, -105.8118

Trichromacy



Original Color

135.6830, 44.0333, -76.8980

Protanomaly

146.4490, 35.7676, -38.9818

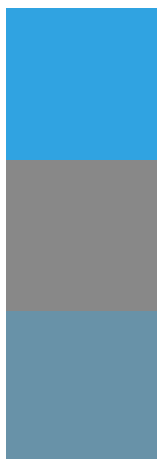
Deuteranomaly

145.2570, 40.2993, -45.8294

Tritanomaly

125.6840, 35.6518, -95.3159

Monochromacy



Original Color

135.6830, 44.0333, -76.8980

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9500, 15.8007, -28.0201

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6830, 44.0333, -76.8980 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(48, 163, 225)` looks like.

```
.text, #text, p{  
    color:rgb(48, 163, 225)  
}
```

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(48, 163, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 163, 225) }
```

Border

The CSS property to change the border of an element to YUV 135.6830, 44.0333, -76.8980 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(48, 163, 225) }
```


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

```
.border{ border-color:rgb(48, 163, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 163, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(48, 163,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 135.6830, 44.0333, -76.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 163, 225) }
```

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

```
.background{ background-color: rgb(48, 163,  
225) }
```

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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