

Converting Colors

YUV(143.8810, 37.0337,
-71.8096)

Have a look what the booklet for
YUV(143.8810, 37.0337, -71.8096)
contains.

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Color

**YUV(143.8810, 37.0337,
-71.8096)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3EABDB |
| RGB | 62, 171, 219 |
| RGB Percent | 24%, 67%, 86% |
| CMY | 0.7569, 0.3294, 0.1412 |
| CMYK | 0.72, 0.22, 0.00, 0.14 |
| HSL | 198°, 69%, 55% |
| HSV | 198°, 72%, 86% |
| XYZ | 29.3357, 35.2644, 72.2784 |
| YIQ | 143.8810, -80.3720, -8.1800 |

Conversions

Conversions Part 2

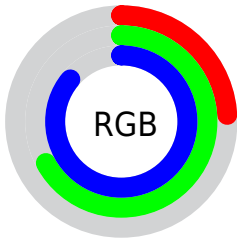
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 62, 126, 219 |
| Decimal | 4107227 |
| CIE _{Lab} | 65.95, -15.35, -33.17 |
| CIE _{LCh} | 66, 36.546, 245.166 |
| Yxy | 35.2644, 0.2143, 0.2576 |
| Android (android.graphics.Color) | 4282297307 (0xFF3EABDB) |
| YUV | 143.8810, 37.0337, -71.8096 |
| Hunter-Lab | 59.3839, -15.7425, -30.5955 |

Details

The YUV color **143.8810, 37.0337, -71.8096** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **137.1190, -37.0337, 71.8096**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0040, 27.1130, -63.1475**, and **88.5490, 37.1973, -77.6575** is the 20% darker color. If you saturate the color by 10%, you get **133.1940, 42.3024, -81.7311**, and if you desaturate by 10%, it is **154.5680, 31.7650, -61.8881**.

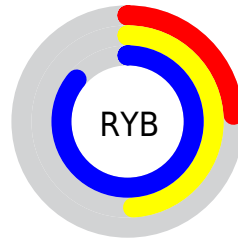
Distribution



Red (24%)

Green (67%)

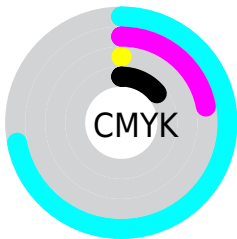
Blue (86%)



Red (24%)

Yellow (49%)

Blue (86%)

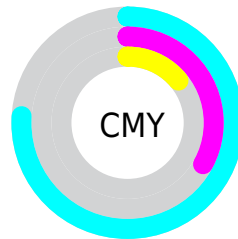


Cyan (72%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (76%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.8810, 37.0337, -71.8096 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 143.8810, 37.0337, -71.8096 by changing the saturation by 10% instead.

■ 143.8810, 37.0337,
-71.8096

■ 143.8810, 37.0337,
-71.8096

■ 255.0000, 0.0000,
0.0000

■ 106.9000, 41.4613,
-91.9973

■ 200.0040, 27.1130,
-63.1475

■ 88.5490, 37.1973,
-77.6575

■ 226.2960, 14.1511,
-59.0186

■ 70.7960, 32.6386,
-62.0881

■ 235.2660, 9.7289,
-40.5753

■ 53.8580, 28.6640,
-47.2335

■ 244.2360, 5.3067,
-22.1320

■ 38.0940, 24.1107,
-33.4084

■ 253.5050, 0.7370,
-3.0739

■ 24.2050, 19.1259,
-21.2278

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 143.8810, 37.0337,
-71.8096

■ 143.8810, 37.0337,
-71.8096

■ 133.1940, 42.3024,
-81.7311

■ 154.5680, 31.7650,
-61.8881

■ 123.0940, 47.2817,
-92.1674

■ 164.6680, 26.7857,
-51.4518

■ 114.1900, 51.6713,
-100.1446

■ 175.3550, 21.5170,
-41.5303

■ 186.0420, 16.2483,
-31.6088

■ 196.1420, 11.2690,
-21.1725

■ 206.5300, 6.1477,
-11.8658

■ 217.2170, 0.8790,
-1.9443

■ 227.9040, -4.3897,
7.9772

■ 236.8080, -8.7793,
15.9544

Harmonies

Analogous

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



126.6670, 34.6742, -108.4560



143.8810, 37.0337, -71.8096



157.2220, 33.4146, -30.8897

Triad

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



143.8810, 37.0337, -71.8096



163.7060, -3.7991, 52.0008



153.3320, -23.8277, -10.8152

Complementary

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



143.8810, 37.0337, -71.8096



137.1190, -37.0337, 71.8096

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.



157.2600, -31.1872, 16.4350



143.8810, 37.0337, -71.8096



161.8080, -18.6393, 51.9114

Square

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



143.8810, 37.0337, -71.8096



164.6190, 11.5268, 36.2911



159.9730, -29.0737, 38.6117



147.9720, -7.8742, -41.1944

Rectangle

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



143.8810, 37.0337, -71.8096



162.1220, 28.5339, -5.3690



159.9730, -29.0737, 38.6117



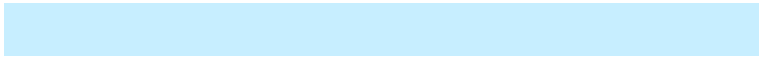
155.4750, -27.3492, -1.2936

Sweetspot

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



143.8810, 37.0337, -71.8096



228.2770, 13.1744, -25.6759



159.5170, -24.9049, -85.5224



111.3770, 8.1951, -15.2396



0.0000, 0.0000, 0.0000



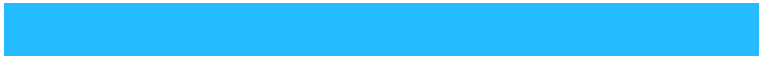
128.0000, 0.0000, 0.0000

Same Dimension

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



143.8810, 37.0337, -71.8096



150.1900, 51.6713, -100.1446



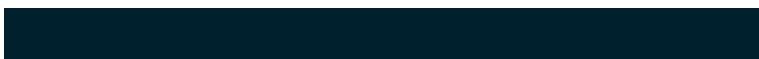
98.0950, 59.6062, -31.6553



104.3630, 2.7790, -4.7034



90.1620, 40.8391, -79.0721



24.0280, 10.8322, -21.0726

Inverse Universe

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



121.3690, 24.4681, 85.6224



118.8090, 34.1112, 119.4395



182.9050, -59.6062, 31.6553



103.0870, 1.4361, 6.0627



65.4070, 26.9143, 94.3591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 143.8810, 37.0337, -71.8096 looks on a white background.

Color Contrast Check

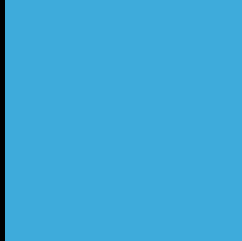
Large Text (above 18pt) WCAG AA × Fail

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 143.8810, 37.0337, -71.8096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

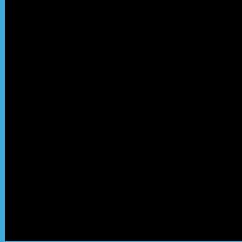
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 143.8810, 37.0337, -71.8096

Background



This preview shows how black text looks on a background with the YUV color 143.8810, 37.0337, -71.8096.

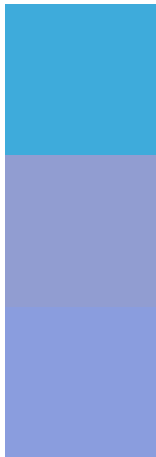


This preview shows how white text looks on a background with the YUV color 143.8810, 37.0337, -71.8096.

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

143.8810, 37.0337, -71.8096

Protanopia

159.3400, 24.4824, -12.5762

Deuteranopia

158.7290, 31.1926, -18.1793



Tritanopia

136.9320, 26.1625, -85.0094

Trichromacy



Original Color

143.8810, 37.0337, -71.8096

Protanomaly

153.7610, 29.2048, -33.9934

Deuteranomaly

153.1780, 33.4362, -37.8671

Tritanomaly

139.4040, 30.3668, -80.1613

Monochromacy



Original Color

143.8810, 37.0337, -71.8096

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.9780, 13.3218, -26.2907

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.8810, 37.0337, -71.8096 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(62, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(62, 171, 219)  
}
```

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(62, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 171, 219) }
```

Border

The CSS property to change the border of an element to YUV 143.8810, 37.0337, -71.8096 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(62, 171, 219) }
```


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

```
.border{ border-color:rgb(62, 171, 219) }
```

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

Here you see how a box with a 4 pixel rgb(62, 171, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(62, 171,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 143.8810, 37.0337, -71.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 171, 219) }
```

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

```
.background{ background-color: rgb(62, 171,  
219) }
```

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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