

Converting Colors

YUV(143.4960, 47.5765,
-93.3970)

Have a look what the booklet for
YUV(143.4960, 47.5765, -93.3970)
contains.

YUV(143.4960, 47.5765, -93.3970)	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(143.4960, 47.5765,
-93.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	25B3F0
RGB	37, 179, 240
RGB Percent	15%, 70%, 94%
CMY	0.8549, 0.2980, 0.0588
CMYK	0.85, 0.25, 0.00, 0.06
HSL	198°, 87%, 54%
HSV	198°, 85%, 94%
XYZ	32.6112, 38.9248, 88.2325
YIQ	143.4960, -104.2130, -11.1330

Conversions

Conversions Part 2

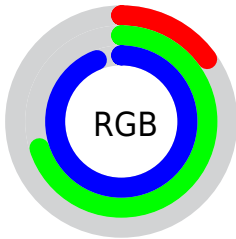
Format	Color
R _{YB}	37, 121, 240
Decimal	2470896
CIE _{Lab}	68.70, -15.04, -40.43
CIE _{LCh}	69, 43.137, 249.600
Y _{xy}	38.9248, 0.2041, 0.2436
Android (android.graphics.Color)	4280660976 (0xFF25B3F0)
Y _{UV}	143.4960, 47.5765, -93.3970
Hunter-Lab	62.3897, -15.8798, -40.1760

Details

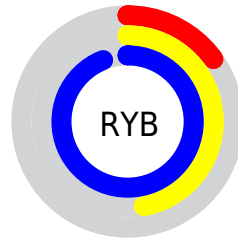
The YUV color **143.4960, 47.5765, -93.3970** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **133.5040, -47.5765, 93.3970**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5960, 25.8352, -73.3137**, and **94.9380, 43.9076, -83.2606** is the 20% darker color. If you saturate the color by 10%, you get **132.2110, 53.1400, -104.5480**, and if you desaturate by 10%, it is **154.7810, 42.0130, -82.2459**.

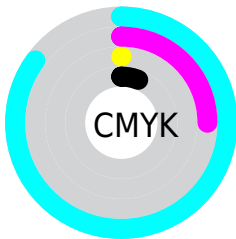
Distribution



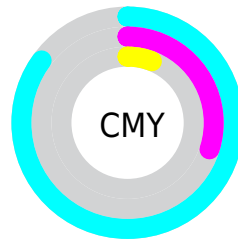
- Red (15%)
- Green (70%)
- Blue (94%)



- Red (15%)
- Yellow (47%)
- Blue (94%)



- Cyan (85%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (85%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.4960, 47.5765, -93.3970 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 143.4960, 47.5765, -93.3970 by changing the saturation by 10% instead.

■ 143.4960, 47.5765,
-93.3970

■ 143.4960, 47.5765,
-93.3970

■ 255.0000, 0.0000,
0.0000

■ 113.2780, 48.1769,
-99.3448

■ 202.5960, 25.8352,
-73.3137

■ 94.9380, 43.9076,
-83.2606

■ 223.9040, 15.3303,
-63.9368

■ 77.1850, 39.3488,
-67.6912

■ 233.4720, 10.6133,
-44.2639

■ 60.0190, 34.5006,
-52.6367

■ 242.7410, 6.0437,
-25.2059

■ 44.2550, 29.9473,
-38.8116

■ 252.3090, 1.3267,
-5.5330

■ 29.0780, 25.1045,
-25.5014

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 143.4960, 47.5765,
-93.3970

■ 143.4960, 47.5765,
-93.3970

■ 132.2110, 53.1400,
-104.5480

■ 154.7810, 42.0130,
-82.2459

■ 125.9760, 56.2138,
-110.4810

■ 166.0660, 36.4495,
-71.0949

■ 177.9380, 30.5966,
-60.4586

■ 189.2230, 25.0331,
-49.3076

■ 200.5080, 19.4696,
-38.1565

■ 211.7930, 13.9061,
-27.0055

■ 223.0780, 8.3425,
-15.8544

■ 234.9500, 2.4897,
-5.2181

■ 246.2350, -3.0739,
5.9329

Harmonies

Analogous

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



133.8060, 40.5216, -117.3479



143.4960, 47.5765, -93.3970



164.4160, 39.2349, -31.0598

Triad

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



143.4960, 47.5765, -93.3970



169.9740, -6.8892, 63.1668



159.0060, -26.1320, -18.4223

Complementary

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



143.4960, 47.5765, -93.3970



133.5040, -47.5765, 93.3970

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.



163.1690, -36.5653, 14.7608



143.4960, 47.5765, -93.3970



168.4840, -23.9026, 60.0885

Square

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



143.4960, 47.5765, -93.3970



172.0980, 11.7837, 47.2721



166.3880, -35.1943, 41.7557



150.7420, -5.7888, -56.7787

Rectangle

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



143.4960, 47.5765, -93.3970



170.3660, 31.8646, -0.3210



166.3880, -35.1943, 41.7557



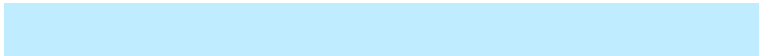
160.5190, -30.8219, -7.4712

Sweetspot

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



143.4960, 47.5765, -93.3970



224.7110, 14.9325, -29.5645



163.1150, -32.1017, -110.6029



109.2950, 9.2216, -17.7987



0.0000, 0.0000, 0.0000



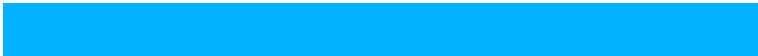
128.0000, 0.0000, 0.0000

Same Dimension

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



143.4960, 47.5765, -93.3970



133.5560, 59.8719, -117.1286



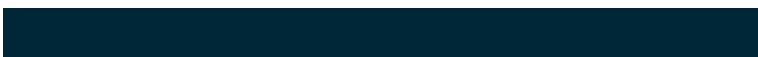
84.2090, 76.8050, -41.4023



114.0640, 2.9264, -5.3181



96.1120, 43.3288, -84.2902



29.2770, 13.1744, -25.6759

Inverse Universe

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



113.8850, 32.1017, 110.6029



96.5370, 40.1613, 138.9721



192.7910, -76.8050, 41.4023



112.5000, 1.7255, 6.5775



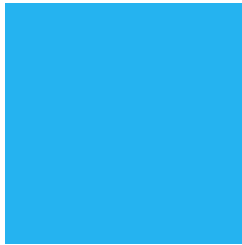
69.6080, 28.7873, 100.3218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 143.4960, 47.5765, -93.3970 looks on a white background.

Color Contrast Check

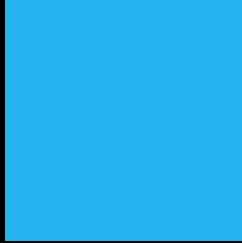
Large Text (above 18pt) WCAG AA × Fail

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 143.4960, 47.5765, -93.3970 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

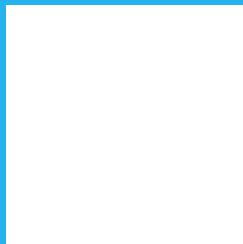
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.4960, 47.5765, -93.3970

Background



This preview shows how black text looks on a background with the YUV color 143.4960, 47.5765, -93.3970.

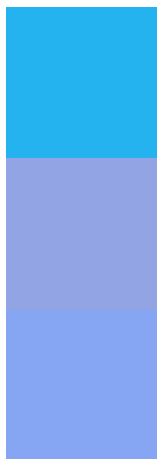


This preview shows how white text looks on a background with the YUV color 143.4960, 47.5765, -93.3970.

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

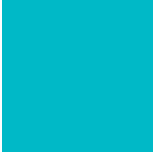
143.4960, 47.5765, -93.3970

Protanopia

166.2130, 30.4610, -16.8498

Deuteranopia

164.6230, 38.6399, -26.8564



Tritanopia

131.2810, 33.3855, -115.1334

Trichromacy



Original Color

143.4960, 47.5765, -93.3970



Protanomaly

157.6440, 36.6575, -44.4148



Deuteranomaly

156.9790, 41.9154, -50.8476



Tritanomaly

135.7040, 38.5999, -107.6114

Monochromacy



Original Color

143.4960, 47.5765, -93.3970



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.9600, 17.2747, -34.1679

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.4960, 47.5765, -93.3970 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(37, 179, 240)` looks like.

```
.text, #text, p{  
    color:rgb(37, 179, 240)  
}
```

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(37, 179, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 179, 240) }
```

Border

The CSS property to change the border of an element to YUV 143.4960, 47.5765, -93.3970 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(37, 179, 240) }
```


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

```
.border{ border-color:rgb(37, 179, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 179, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 179, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 179, 240);  
box-shadow:4px 4px 4px 4px rgb(37, 179,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 143.4960, 47.5765, -93.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 179, 240) }
```

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

```
.background{ background-color: rgb(37, 179,  
240) }
```

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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