

Converting Colors

YUV(143.5180, 47.5656,
-89.9083)

Have a look what the booklet for
YUV(143.5180, 47.5656, -89.9083)
contains.

YUV(143.5180, 47.5656, -89.9083)	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(143.5180, 47.5656,
-89.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	29B1F0
RGB	41, 177, 240
RGB Percent	16%, 69%, 94%
CMY	0.8392, 0.3059, 0.0588
CMYK	0.83, 0.26, 0.00, 0.06
HSL	199°, 87%, 55%
HSV	199°, 83%, 94%
XYZ	32.3648, 38.2070, 88.1070
YIQ	143.5180, -101.2790, -9.2390

Conversions

Conversions Part 2

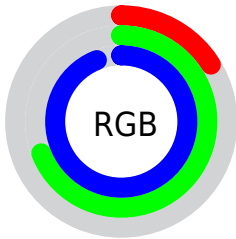
Format	Color
R _{YB}	41, 122, 240
Decimal	2732528
CIE Lab	68.17, -13.66, -41.25
CIE LCh	68, 43.450, 251.674
Yxy	38.2070, 0.2040, 0.2408
Android (android.graphics.Color)	4280922608 (0xFF29B1F0)
YUV	143.5180, 47.5656, -89.9083
Hunter-Lab	61.8118, -14.7077, -41.2441

Details

The YUV color **143.5180, 47.5656, -89.9083** 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 **137.4820, -47.5656, 89.9083**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7210, 26.2665, -71.6693**, and **94.3510, 44.1970, -82.7458** is the 20% darker color. If you saturate the color by 10%, you get **131.6460, 53.4185, -100.5445**, and if you desaturate by 10%, it is **155.3900, 41.7127, -79.2720**.

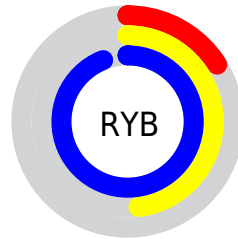
Distribution



Red (16%)

Green (69%)

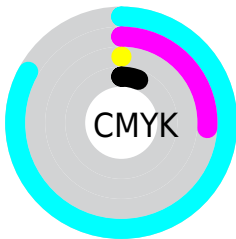
Blue (94%)



Red (16%)

Yellow (48%)

Blue (94%)

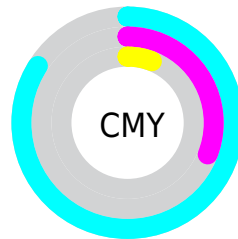


Cyan (83%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (84%)

Magenta (31%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.5180, 47.5656, -89.9083 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 143.5180, 47.5656, -89.9083 by changing the saturation by 10% instead.

■ 143.5180, 47.5656,
-89.9083

■ 143.5180, 47.5656,
-89.9083

■ 255.0000, 0.0000,
0.0000

■ 112.1040, 48.7557,
-98.3152

■ 201.7210, 26.2665,
-71.6693

■ 94.3510, 44.1970,
-82.7458

■ 224.5020, 15.0355,
-62.7073

■ 76.5980, 39.6382,
-67.1764

■ 233.7710, 10.4659,
-43.6492

■ 59.4320, 34.7900,
-52.1219

■ 243.3390, 5.7489,
-23.9763

■ 43.0810, 30.5261,
-37.7820

■ 252.6080, 1.1793,
-4.9182

■ 28.4910, 25.3939,
-24.9866

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 143.5180, 47.5656,
-89.9083

■ 143.5180, 47.5656,
-89.9083

■ 131.6460, 53.4185,
-100.5445

■ 155.3900, 41.7127,
-79.2720

■ 123.6280, 57.3714,
-108.4218

■ 166.6750, 36.1492,
-68.1210

■ 178.5470, 30.2963,
-57.4847

■ 189.8320, 24.7328,
-46.3337

■ 201.7040, 18.8799,
-35.6974

■ 213.5760, 13.0270,
-25.0612

■ 224.8610, 7.4635,
-13.9101

■ 236.7330, 1.6106,
-3.2738

■ 247.4200, -3.6581,
6.6477

Harmonies

Analogous

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



132.7460, 41.5372, -116.4182



143.5180, 47.5656, -89.9083



163.7260, 39.0821, -28.7007

Triad

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



143.5180, 47.5656, -89.9083



168.0450, -7.9102, 63.9815



156.9240, -25.1055, -20.9813

Complementary

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



143.5180, 47.5656, -89.9083



137.4820, -47.5656, 89.9083

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.



161.7450, -36.8493, 12.5016



143.5180, 47.5656, -89.9083



166.8430, -25.0656, 59.7737

Square

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



143.5180, 47.5656, -89.9083



170.7670, 10.4679, 49.3163



164.5620, -35.7731, 40.7261



148.1760, -4.0308, -60.6674

Rectangle

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



143.5180, 47.5656, -89.9083



169.2740, 31.4169, 3.2677



164.5620, -35.7731, 40.7261



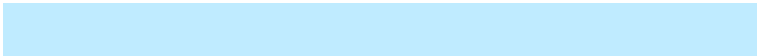
158.6220, -30.3796, -9.3155

Sweetspot

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



143.5180, 47.5656, -89.9083



224.1240, 15.2219, -29.0497



164.6530, -31.3809, -108.4437



108.7080, 9.5110, -17.2839



0.0000, 0.0000, 0.0000



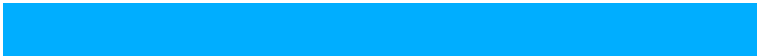
128.0000, 0.0000, 0.0000

Same Dimension

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



143.5180, 47.5656, -89.9083



131.2080, 61.0295, -115.0694



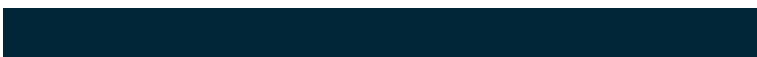
87.1660, 75.3472, -40.4876



114.0640, 2.9264, -5.3181



94.3510, 44.1970, -82.7458



28.6900, 13.4638, -25.1611

Inverse Universe

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



116.0050, 30.0705, 108.7436



96.0810, 38.4141, 139.3720



193.8340, -75.3472, 40.4876



112.5000, 1.7255, 6.5775



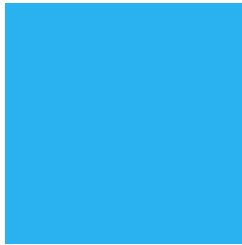
69.2660, 27.4769, 100.6217



21.0760, 8.3435, 30.6283

Previews

White Background



This preview shows how the YUV color 143.5180, 47.5656, -89.9083 looks on a white background.

Color Contrast Check

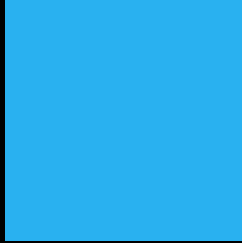
Large Text (above 18pt) WCAG AA × Fail

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 143.5180, 47.5656, -89.9083 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

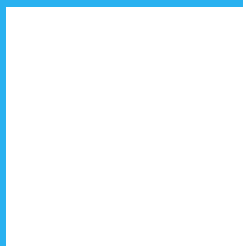
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.5180, 47.5656, -89.9083

Background



This preview shows how black text looks on a background with the YUV color 143.5180, 47.5656, -89.9083.



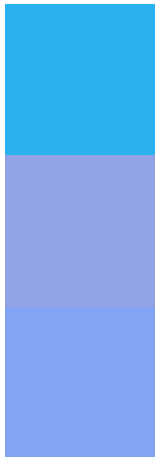
This preview shows how white text looks on a background with the YUV color 143.5180, 47.5656, -89.9083.

-89.9083.

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

143.5180, 47.5656, -89.9083

Protanopia

165.1420, 31.4820, -17.6645

Deuteranopia

163.1390, 39.3715, -28.1859



Tritanopia

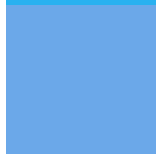
129.9930, 33.5275, -114.0039

Trichromacy



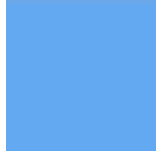
Original Color

143.5180, 47.5656, -89.9083



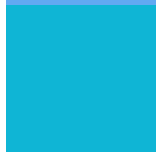
Protanomaly

157.1710, 37.3837, -44.0000



Deuteranomaly

156.0930, 42.3522, -50.9476



Tritanomaly

135.0140, 38.4471, -105.2523

Monochromacy



Original Color

143.5180, 47.5656, -89.9083



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9710, 17.2693, -32.4236

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.5180, 47.5656, -89.9083 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(41, 177, 240)` looks like.

```
.text, #text, p{  
    color:rgb(41, 177, 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(41, 177, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 177, 240) }
```

Border

The CSS property to change the border of an element to YUV 143.5180, 47.5656, -89.9083 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(41, 177, 240) }
```


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

```
.border{ border-color:rgb(41, 177, 240) }
```

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

Here you see how a box with a 4 pixel rgb(41, 177, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 177, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 177, 240);  
box-shadow:4px 4px 4px 4px rgb(41, 177,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 143.5180, 47.5656, -89.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 177, 240) }
```

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

```
.background{ background-color: rgb(41, 177,  
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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