

Converting Colors

YUV(103.2190, 47.7130,
-90.5231)

Have a look what the booklet for
YUV(103.2190, 47.7130, -90.5231)
contains.

YUV(103.2190, 47.7130, -90.5231)	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>	30

Color

**YUV(103.2190, 47.7130,
-90.5231)**

Conversions

Conversions Part 1

Format	Color
Hex	0089C8
RGB	0, 137, 200
RGB Percent	0%, 54%, 78%
CMY	1.0000, 0.4627, 0.2157
CMYK	1.00, 0.32, 0.00, 0.22
HSL	199°, 100%, 39%
HSV	199°, 100%, 78%
XYZ	19.3710, 22.0615, 57.8809
YIQ	103.2190, -101.8750, -9.4510

Conversions

Conversions Part 2

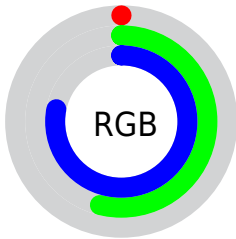
Format	Color
RYB	0, 81, 200
Decimal	35272
CIELab	54.09, -7.88, -41.17
CIELCh	54, 41.913, 259.167
Yxy	22.0615, 0.1950, 0.2221
Android (android.graphics.Color)	4278225352 (0xFF0089C8)
YUV	103.2190, 47.7130, -90.5231
Hunter-Lab	46.9696, -8.5807, -40.1846

Details

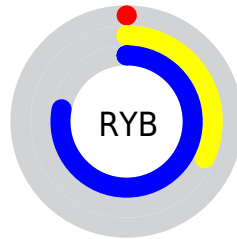
The YUV color **103.2190, 47.7130, -90.5231** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **96.7810, -47.7130, 90.5231**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9020, 41.9533, -63.0581**, and **67.7130, 38.5955, -59.3843** is the 20% darker color. If you saturate the color by 10%, you get **103.2190, 47.7130, -90.5231**, and if you desaturate by 10%, it is **112.7210, 43.0285, -81.3163**.

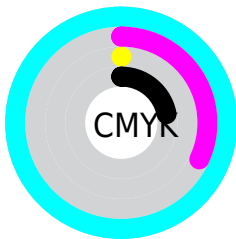
Distribution



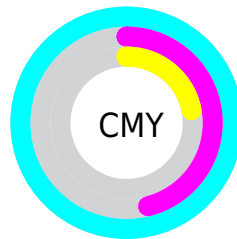
- Red (0%)
- Green (54%)
- Blue (78%)



- Red (0%)
- Yellow (32%)
- Blue (78%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2190, 47.7130, -90.5231 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 103.2190, 47.7130, -90.5231 by changing the saturation by 10% instead.

■ 103.2190, 47.7130,
-90.5231

■ 103.2190, 47.7130,
-90.5231

■ 255.0000, 0.0000,
0.0000

■ 85.3520, 42.7175,
-74.8537

■ 169.9020, 41.9533,
-63.0581

■ 67.7130, 38.5955,
-59.3843

■ 195.9060, 29.1333,
-57.7996

■ 51.2480, 33.8947,
-44.9445

■ 221.3120, 16.6082,
-53.7706

■ 35.9570, 28.6152,
-31.5343

■ 235.8640, 9.4340,
-39.3457

■ 21.4810, 23.9199,
-18.8388

■ 244.8340, 5.0118,
-20.9024

■ 7.7060, 19.3719,
-6.7582

■ 254.1030, 0.4422,

■ 3.5510, 11.0674,

-1.8443

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 103.2190, 47.7130,
-90.5231

■ 112.7210, 43.0285,
-81.3163

■ 122.8100, 38.0547,
-72.6244

■ 132.3120, 33.3702,
-63.4176

■ 141.8140, 28.6857,
-54.2109

■ 151.9030, 23.7118,
-45.5189

■ 161.4050, 19.0273,
-36.3122

■ 170.9070, 14.3428,
-27.1054

■ 180.4090, 9.6584,
-17.8987

■ 190.4980, 4.6845,
-9.2067

Harmonies

Analogous

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



105.9770, 37.9723, -92.9418



103.2190, 47.7130, -90.5231



128.8370, 34.0974, -16.5200

Triad

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



103.2190, 47.7130, -90.5231



129.9150, -10.8041, 58.8335



118.7750, -19.1161, -28.7437

Complementary

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



103.2190, 47.7130, -90.5231



96.7810, -47.7130, 90.5231

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.



123.5420, -32.3122, 3.9097



103.2190, 47.7130, -90.5231



128.5600, -25.9121, 51.2519

Square

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



103.2190, 47.7130, -90.5231



131.9260, 5.9525, 50.9309



127.1370, -34.5775, 30.5749



100.2960, 7.2491, -85.3286

Rectangle

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



103.2190, 47.7130, -90.5231



132.6620, 26.2956, 12.5744



127.1370, -34.5775, 30.5749



120.4730, -24.3902, -17.0778

Sweetspot

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



103.2190, 47.7130, -90.5231



218.1880, 18.1483, -34.3679



124.2400, -31.6703, -108.9585



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



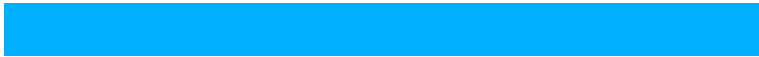
128.0000, 0.0000, 0.0000

Same Dimension

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



103.2190, 47.7130, -90.5231



131.7950, 60.7401, -115.5842



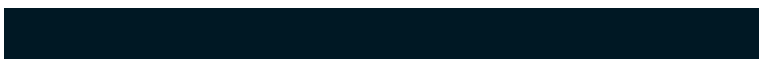
46.2800, 75.7840, -40.5876



94.5480, 2.1948, -3.9886



84.3260, 38.7863, -73.9539



18.1920, 8.7793, -15.9544

Inverse Universe

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



75.4180, 30.3599, 109.2584



96.1950, 38.8509, 139.2720



153.7200, -75.7840, 40.5876



93.3750, 1.2941, 4.9331



61.5050, 24.8940, 89.0111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 103.2190, 47.7130, -90.5231 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2190, 47.7130, -90.5231 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 × Fail

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

YUV 103.2190, 47.7130, -90.5231 Background



This preview shows how black text looks on a background with the YUV color 103.2190, 47.7130, -90.5231.



This preview shows how white text looks on a background with the YUV color 103.2190, 47.7130,

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



Protanopia

128.3160, 30.9032, -18.6941

Deuteranopia

125.3620, 37.7825, -31.8895

Tritanopia

101.4970, 25.8840, -89.0129

Trichromacy



Protanomaly

119.3450, 36.8049, -45.0296

Deuteranomaly

117.4410, 41.1946, -53.0068

Tritanomaly

102.2610, 33.8883, -89.6829

Monochromacy



Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9710, 17.2693, -32.4236

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2190, 47.7130, -90.5231 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(0, 137, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 200)  
}
```

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(0, 137, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 200) }
```

Border

The CSS property to change the border of an element to YUV 103.2190, 47.7130, -90.5231 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(0, 137, 200) }
```

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

```
.border{ border-color:rgb(0, 137, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
200) }
```


Background

The CSS property to change the background color of an element to YUV 103.2190, 47.7130, -90.5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 200) }
```

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

```
.background{ background-color: rgb(0, 137,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor