

Converting Colors

YUV(113.2070, 9.2649,
-31.7535)

Have a look what the booklet for
YUV(113.2070, 9.2649, -31.7535)
contains.

YUV(113.2070, 9.2649, -31.7535)	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(113.2070, 9.2649,
-31.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8084
RGB	77, 128, 132
RGB Percent	30%, 50%, 52%
CMY	0.6980, 0.4980, 0.4824
CMYK	0.42, 0.03, 0.00, 0.48
HSL	184°, 26%, 41%
HSV	184°, 42%, 52%
XYZ	14.9446, 18.6821, 24.6481
YIQ	113.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

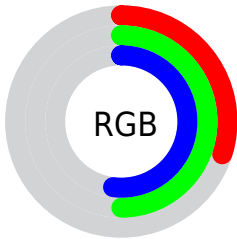
Format	Color
R_{YB}	77, 103, 132
Decimal	5079172
CIE Lab	50.31, -15.96, -7.56
CIE LCh	50, 17.663, 205.334
Yxy	18.6821, 0.2565, 0.3206
Android (android.graphics.Color)	4283269252 (0xFF4D8084)
YUV	113.2070, 9.2649, -31.7535
Hunter-Lab	43.2228, -13.9221, -3.5547

Details

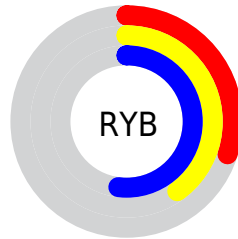
The YUV color **113.2070, 9.2649, -31.7535** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **95.7930, -9.2649, 31.7535**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9080, 9.4124, -32.3683**, and **63.3100, 9.7072, -33.5979** is the 20% darker color. If you saturate the color by 10%, you get **108.7330, 11.4706, -39.2308**, and if you desaturate by 10%, it is **117.6810, 7.0593, -24.2762**.

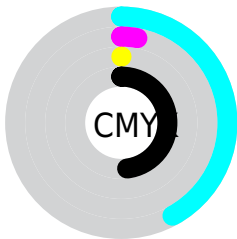
Distribution



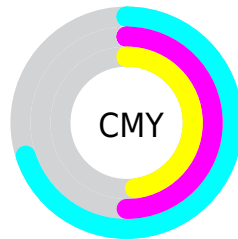
- Red (30%)
- Green (50%)
- Blue (52%)



- Red (30%)
- Yellow (40%)
- Blue (52%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2070, 9.2649, -31.7535 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 113.2070, 9.2649, -31.7535 by changing the saturation by 10% instead.

■ 113.2070, 9.2649,
-31.7535

■ 113.2070, 9.2649,
-31.7535

■ 255.0000, 0.0000,
0.0000

■ 87.9080, 9.4124,
-32.3683

■ 165.9080, 9.4124,
-32.3683

■ 63.3100, 9.7072,
-33.5979

■ 193.6090, 9.5598,
-32.9831

■ 39.7120, 10.0020,
-34.8274

■ 221.6090, 9.5598,
-32.9831

■ 24.2900, 6.7590,
-21.3023

■ 242.1430, 6.3385,
-26.4354

■ 3.8130, 6.9942,
-3.3440

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 113.2070, 9.2649,
-31.7535

■ 113.2070, 9.2649,
-31.7535

■ 108.7330, 11.4706,
-39.2308

■ 117.6810, 7.0593,
-24.2762

■ 104.2590, 13.6763,
-46.7081

■ 122.1550, 4.8536,
-16.7989

■ 99.4860, 16.0294,
-54.8002

■ 126.9280, 2.5005,
-8.7069

■ 95.0120, 18.2351,
-62.2775

■ 131.4020, 0.2948,
-1.2296

■ 90.5380, 20.4408,
-69.7548

■ 135.8760, -1.9109,
6.2477

■ 86.6620, 22.3516,
-76.0026

■ 140.3500, -4.1165,
13.7251

■ 144.8240, -6.3222,
21.2024

■ 149.5970, -8.6753,

29.2944

■ 154.0710,
-10.8810, 36.7717

Harmonies

Analogous

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



113.8890, 1.5337, -25.3357



113.2070, 9.2649, -31.7535



114.8960, 14.3483, -28.8498

Triad

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



113.2070, 9.2649, -31.7535



122.3250, 7.2348, 12.8700



119.2930, -14.4414, 12.0210

Complementary

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



113.2070, 9.2649, -31.7535



95.7930, -9.2649, 31.7535

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.



120.6300, -12.1426, 21.3725



113.2070, 9.2649, -31.7535



122.2570, 0.3663, 22.5766

Square

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



113.2070, 9.2649, -31.7535



121.0180, 12.8091, -1.7698



122.0310, -6.9173, 25.4058



117.6720, -12.6563, -0.5893

Rectangle

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



113.2070, 9.2649, -31.7535



116.5810, 15.4896, -21.5575



122.0310, -6.9173, 25.4058



119.7280, -14.1629, 16.0245

Sweetspot

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



113.2070, 9.2649, -31.7535



163.2480, 3.8217, -12.4955



109.7410, -14.1693, -28.7139



82.2270, 2.3531, -8.0921



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.2070, 9.2649, -31.7535



141.7640, 14.4133, -49.7820



97.3580, 17.0785, -17.8540



64.2060, 0.8844, -3.6887



85.8470, 21.7674, -75.2878



1.5160, 0.7316, -1.3295

Inverse Universe

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



99.2590, 14.1693, 28.7139



119.8340, 22.2668, 44.8726



111.6420, -17.0785, 17.8540



62.4780, 1.7363, 3.0888



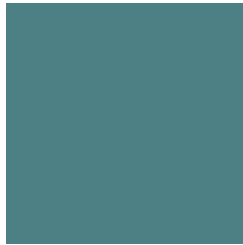
52.6640, 33.6896, 67.8237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 113.2070, 9.2649, -31.7535 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 113.2070, 9.2649, -31.7535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

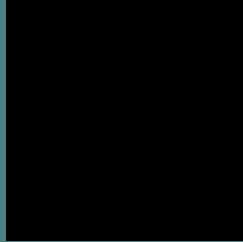
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.2070, 9.2649, -31.7535

Background



This preview shows how black text looks on a background with the YUV color 113.2070, 9.2649, -31.7535.



This preview shows how white text looks on a background with the YUV color 113.2070, 9.2649,

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

113.2070, 9.2649, -31.7535

Protanopia

119.2110, 3.3470, -0.1850

Deuteranopia

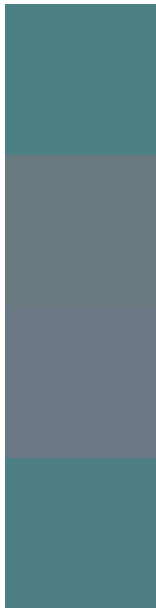
120.5580, 7.1199, 3.0186



Tritanopia

113.7880, 11.4435, -30.5091

Trichromacy



Original Color

113.2070, 9.2649, -31.7535

Protanomaly

117.3020, 5.2741, -11.6659

Deuteranomaly

117.7090, 8.0315, -9.3918

Tritanomaly

113.2610, 10.7173, -30.9239

Monochromacy



Original Color

113.2070, 9.2649, -31.7535

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2070, 9.2649, -31.7535 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(77, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(77, 128, 132)  
}
```

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(77, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 128, 132) }
```

Border

The CSS property to change the border of an element to YUV 113.2070, 9.2649, -31.7535 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(77, 128, 132) }
```


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

```
.border{ border-color:rgb(77, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(77, 128,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 113.2070, 9.2649, -31.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 128, 132) }
```

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

```
.background{ background-color: rgb(77, 128,  
132) }
```

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