

Converting Colors

YUV(96.4130, 20.0094,
-71.3992)

Have a look what the booklet for
YUV(96.4130, 20.0094, -71.3992)
contains.

YUV(96.4130, 20.0094, -71.3992)	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(96.4130, 20.0094,
-71.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8289
RGB	15, 130, 137
RGB Percent	6%, 51%, 54%
CMY	0.9412, 0.4902, 0.4627
CMYK	0.89, 0.05, 0.00, 0.46
HSL	183°, 80%, 30%
HSV	183°, 89%, 54%
XYZ	12.6950, 17.8730, 26.4476
YIQ	96.4130, -70.7870, -22.2030

Conversions

Conversions Part 2

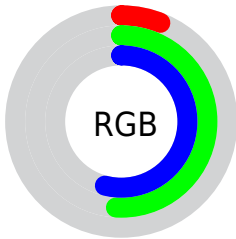
Format	Color
RYB	15, 74, 137
Decimal	1016457
CIELab	49.34, -26.06, -12.13
CIELCh	49, 28.745, 204.960
Yxy	17.8730, 0.2227, 0.3135
Android (android.graphics.Color)	4279206537 (0xFF0F8289)
YUV	96.4130, 20.0094, -71.3992
Hunter-Lab	42.2764, -20.3828, -7.4976

Details

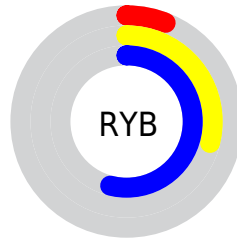
The YUV color **96.4130, 20.0094, -71.3992** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **55.5870, -20.0094, 71.3992**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3930, 17.0613, -59.1037**, and **56.8780, 14.8501, -49.8820** is the 20% darker color. If you saturate the color by 10%, you get **91.6400, 22.3625, -79.4913**, and if you desaturate by 10%, it is **101.1860, 17.6563, -63.3071**.

Distribution



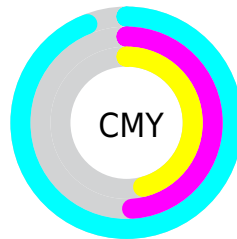
- Red (6%)
- Green (51%)
- Blue (54%)



- Red (6%)
- Yellow (29%)
- Blue (54%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4130, 20.0094, -71.3992 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 96.4130, 20.0094, -71.3992 by changing the saturation by 10% instead.

■ 96.4130, 20.0094,
-71.3992

■ 96.4130, 20.0094,
-71.3992

■ 255.0000, 0.0000,
0.0000

■ 74.4030, 18.5353,
-65.2514

■ 155.3930, 17.0613,
-59.1037

■ 56.8780, 14.8501,
-49.8820

■ 183.6920, 16.9138,
-58.4889

■ 40.7550, 11.4598,
-35.7421

■ 212.6920, 16.9138,
-58.4889

■ 25.3330, 8.2168,
-22.2170

■ 231.0800, 11.7926,
-49.1822

■ 3.0950, 9.3202,
-2.7143

■ 239.7510, 7.5178,
-31.3536

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 96.4130, 20.0094,
-71.3992

■ 96.4130, 20.0094,
-71.3992

■ 91.6400, 22.3625,
-79.4913

■ 101.1860, 17.6563,
-63.3071

■ 91.3410, 22.5099,
-80.1061

■ 105.6600, 15.4506,
-55.8298

■ 109.8460, 13.3869,
-47.2229

■ 114.6190, 11.0338,
-39.1309

■ 119.3920, 8.6807,
-31.0388

■ 123.8660, 6.4751,
-23.5615

■ 128.6390, 4.1220,
-15.4694

■ 132.8250, 2.0583,
-6.8625

■ 137.2990, -0.1474,
0.6148

Harmonies

Analogous

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



104.3270, 3.7828, -46.7678



96.4130, 20.0094, -71.3992



101.4170, 27.4024, -62.6327

Triad

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



96.4130, 20.0094, -71.3992



120.7480, 12.4492, 20.3920



115.6330, -23.4831, 18.7389

Complementary

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



96.4130, 20.0094, -71.3992



55.5870, -20.0094, 71.3992

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.



117.7580, -19.6007, 33.5382



96.4130, 20.0094, -71.3992



120.1600, 0.9071, 35.8167

Square

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



96.4130, 20.0094, -71.3992



118.1840, 21.1083, -3.6694



119.2070, -10.4551, 40.1605



113.6090, -20.5132, -0.5341

Rectangle

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



96.4130, 20.0094, -71.3992



108.8370, 27.1954, -42.8300



119.2070, -10.4551, 40.1605



116.7800, -23.0625, 23.8719

Sweetspot

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



96.4130, 20.0094, -71.3992



162.5880, 8.0911, -28.5797



87.2980, -32.6849, -63.4053



80.0410, 4.4168, -16.6990



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



96.4130, 20.0094, -71.3992



119.0220, 29.5692, -104.3823



61.1930, 37.3729, -40.5113



66.3200, 1.3212, -3.7886



88.5370, 21.9203, -77.6469



3.5050, 0.7370, -3.0739

Inverse Universe

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



64.5880, 32.2481, 63.5053



72.6730, 46.9962, 93.2488



90.8070, -37.3729, 40.5113



64.7770, 1.5889, 3.7036



54.0170, 34.9946, 69.2681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 96.4130, 20.0094, -71.3992 looks on a white 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

Black Background



This preview shows how the YUV color 96.4130, 20.0094, -71.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

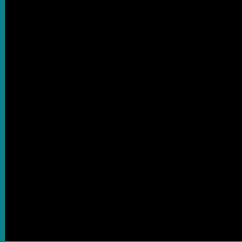
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.4130, 20.0094, -71.3992

Background



This preview shows how black text looks on a background with the YUV color 96.4130, 20.0094, -71.3992.



This preview shows how white text looks on a background with the YUV color 96.4130, 20.0094,

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

96.4130, 20.0094, -71.3992

Protanopia

117.0690, 5.3890, -1.8145

Deuteranopia

117.6760, 11.4987, -1.4699



Tritanopia

98.2500, 20.5828, -68.6252

Trichromacy



Original Color

96.4130, 20.0094, -71.3992

Protanomaly

109.5820, 10.5591, -26.8204

Deuteranomaly

110.0210, 14.7796, -27.2054

Tritanomaly

97.5380, 20.4408, -69.7548

Monochromacy



Original Color

96.4130, 20.0094, -71.3992

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4130, 20.0094, -71.3992 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(15, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(15, 130, 137)  
}
```

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(15, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 130, 137) }
```

Border

The CSS property to change the border of an element to YUV 96.4130, 20.0094, -71.3992 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(15, 130, 137) }
```


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

```
.border{ border-color:rgb(15, 130, 137) }
```

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

Here you see how a box with a 4 pixel rgb(15, 130, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(15, 130,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 96.4130, 20.0094, -71.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 130, 137) }
```

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

```
.background{ background-color: rgb(15, 130,  
137) }
```

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