

Converting Colors

YUV(95.9400, 20.7356,
-70.9844)

Have a look what the booklet for
YUV(95.9400, 20.7356, -70.9844)
contains.

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Color

**YUV(95.9400, 20.7356,
-70.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	0F818A
RGB	15, 129, 138
RGB Percent	6%, 51%, 54%
CMY	0.9412, 0.4941, 0.4588
CMYK	0.89, 0.07, 0.00, 0.46
HSL	184°, 80%, 30%
HSV	184°, 89%, 54%
XYZ	12.6347, 17.6370, 26.7831
YIQ	95.9400, -70.8330, -21.3690

Conversions

Conversions Part 2

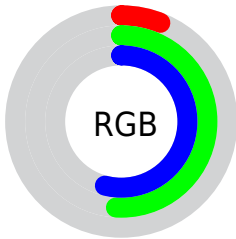
Format	Color
R_{YB}	15, 74, 138
Decimal	1016202
CIE _{Lab}	49.05, -25.22, -13.15
CIE _{LCh}	49, 28.445, 207.543
Yxy	17.6370, 0.2214, 0.3091
Android (android.graphics.Color)	4279206282 (0xFF0F818A)
YUV	95.9400, 20.7356, -70.9844
Hunter-Lab	41.9965, -19.7919, -8.4145

Details

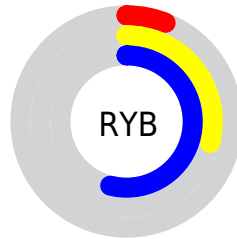
The YUV color **95.9400, 20.7356, -70.9844** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **57.0600, -20.7356, 70.9844**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9200, 17.7874, -58.6888**, and **56.4050, 15.5763, -49.4672** is the 20% darker color. If you saturate the color by 10%, you get **91.1670, 23.0887, -79.0765**, and if you desaturate by 10%, it is **100.7130, 18.3825, -62.8923**.

Distribution



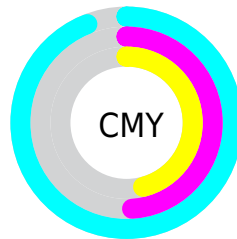
- Red (6%)
- Green (51%)
- Blue (54%)



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



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9400, 20.7356, -70.9844 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 95.9400, 20.7356, -70.9844 by changing the saturation by 10% instead.

95.9400, 20.7356,
-70.9844

95.9400, 20.7356,
-70.9844

255.0000, 0.0000,
0.0000

73.9300, 19.2615,
-64.8366

154.9200, 17.7874,
-58.6888

56.4050, 15.5763,
-49.4672

183.2190, 17.6400,
-58.0741

40.2820, 12.1860,
-35.3273

211.6320, 17.9294,
-57.5593

25.4470, 8.6536,
-22.3170

231.0800, 11.7926,
-49.1822

3.2090, 9.7570,
-2.8143

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.7210, 3.0955,

-12.9103

■ 95.9400, 20.7356,
-70.9844

■ 95.9400, 20.7356,
-70.9844

■ 91.1670, 23.0887,
-79.0765

■ 100.7130, 18.3825,
-62.8923

■ 90.8680, 23.2361,
-79.6912

■ 105.4860, 16.0294,
-54.8002

■ 109.9600, 13.8237,
-47.3229

■ 114.7330, 11.4706,
-39.2308

■ 119.5060, 9.1175,
-31.1388

■ 124.2790, 6.7645,
-23.0467

■ 129.0520, 4.4114,
-14.9546

■ 133.5260, 2.2057,
-7.4773

■ 138.2990, -0.1474,
0.6148

Harmonies

Analogous

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



103.3700, 5.2406, -47.6825



95.9400, 20.7356, -70.9844



102.3250, 26.9548, -59.0440

Triad

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



95.9400, 20.7356, -70.9844



120.1180, 11.2808, 21.8215



114.7360, -23.0408, 16.8945

Complementary

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



95.9400, 20.7356, -70.9844



57.0600, -20.7356, 70.9844

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.



116.7470, -19.5953, 31.7939



95.9400, 20.7356, -70.9844



119.3450, 0.3229, 36.5314

Square

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



95.9400, 20.7356, -70.9844



117.9670, 20.2293, -1.7251



117.7940, -10.7444, 39.6457



112.8260, -19.6342, -2.4784

Rectangle

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



95.9400, 20.7356, -70.9844



109.3320, 26.4583, -39.7562



117.7940, -10.7444, 39.6457



115.8830, -22.6203, 22.0276

Sweetspot

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



95.9400, 20.7356, -70.9844



162.0010, 8.3805, -28.0649



88.1130, -32.1007, -64.1201



79.4540, 4.7062, -16.1842



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.



95.9400, 20.7356, -70.9844



117.2610, 30.4373, -102.8379



60.1330, 38.3884, -39.5816



66.3200, 1.3212, -3.7886



87.3630, 22.4990, -76.6174



3.5050, 0.7370, -3.0739

Inverse Universe

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



64.7730, 31.6639, 64.2201



72.3310, 45.6858, 93.5487



92.8670, -38.3884, 39.5816



64.7770, 1.5889, 3.7036



53.7890, 34.1210, 69.4680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 95.9400, 20.7356, -70.9844 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 95.9400, 20.7356, -70.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

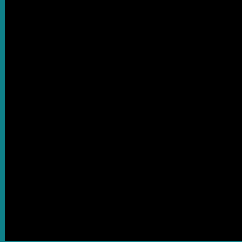
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 95.9400, 20.7356, -70.9844

Background



This preview shows how black text looks on a background with the YUV color 95.9400, 20.7356, -70.9844.



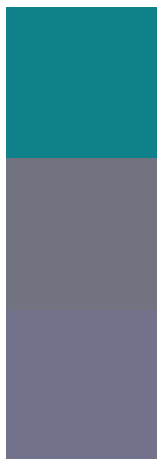
This preview shows how white text looks on a background with the YUV color 95.9400, 20.7356, -70.9844.

-70.9844.

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

95.9400, 20.7356, -70.9844

Protanopia

116.2970, 6.2626, -2.0145

Deuteranopia

117.0780, 11.7935, -2.6994



Tritanopia

96.6520, 20.8776, -69.8548

Trichromacy



Original Color

95.9400, 20.7356, -70.9844

Protanomaly

108.8100, 11.4327, -27.0204

Deuteranomaly

109.1350, 15.2164, -27.3054

Tritanomaly

96.3530, 21.0250, -70.4696

Monochromacy



Original Color

95.9400, 20.7356, -70.9844

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 95.9400, 20.7356, -70.9844 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, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(15, 129, 138)  
}
```

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, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 129, 138) }
```

Border

The CSS property to change the border of an element to YUV 95.9400, 20.7356, -70.9844 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, 129, 138) }
```


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

```
.border{ border-color:rgb(15, 129, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 129, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(15, 129,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 95.9400, 20.7356, -70.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 129, 138) }
```

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

```
.background{ background-color: rgb(15, 129,  
138) }
```

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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