

Converting Colors

YUV(95.9070, -19.6742,
-83.2334)

Have a look what the booklet for
YUV(95.9070, -19.6742, -83.2334)
contains.

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Color

**YUV(95.9070, -19.6742,
-83.2334)**

Conversions

Conversions Part 1

Format	Color
Hex	019838
RGB	1, 152, 56
RGB Percent	0%, 60%, 22%
CMY	0.9961, 0.4039, 0.7804
CMYK	0.99, 0.00, 0.63, 0.40
HSL	142°, 99%, 30%
HSV	142°, 99%, 60%
XYZ	11.9546, 22.7484, 7.5022
YIQ	95.9070, -59.1800, -61.8680

Conversions

Conversions Part 2

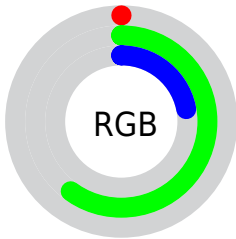
Format	Color
R_{YB}	1, 112, 152
Decimal	104504
CIE _{Lab}	54.81, -54.71, 40.10
CIE _{LCh}	55, 67.830, 143.761
Y _{xy}	22.7484, 0.2832, 0.5390
Android (android.graphics.Color)	4278294584 (0xFF019838)
YUV	95.9070, -19.6742, -83.2334
Hunter-Lab	47.6953, -38.7268, 24.0608

Details

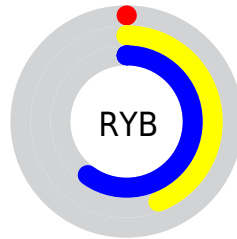
The YUV color **95.9070, -19.6742, -83.2334** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **57.0930, 19.6742, 83.2334**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3070, -26.2804, -64.2902**, and **58.2270, -28.2129, -51.0651** is the 20% darker color. If you saturate the color by 10%, you get **95.4940, -19.9635, -83.7482**, and if you desaturate by 10%, it is **101.5320, -17.5173, -75.0116**.

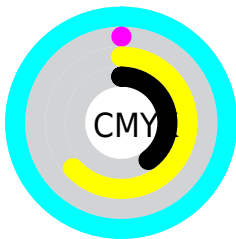
Distribution



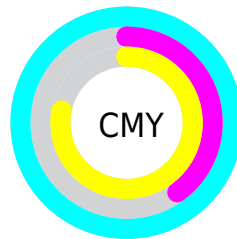
- Red (0%)
- Green (60%)
- Blue (22%)



- Red (0%)
- Yellow (44%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)





- Cyan (100%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.9070, -19.6742, -83.2334 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 95.9070, -19.6742, -83.2334 by changing the saturation by 10% instead.


 95.9070, -19.6742,
-83.2334

 95.9070, -19.6742,
-83.2334


255.0000, 0.0000,
0.0000


 76.9090, -22.6331,
-67.4492


 160.3070,
-26.2804, -64.2902


 58.2270, -28.2129,
-51.0651


 188.6770,
-27.4488, -62.8607


 43.4380, -21.4149,
-38.0951

 211.7640,
-26.0127, -56.7980

 29.9370, -14.7589,
-26.2547

 223.6270,
-18.0571, -41.7689

 14.6750, -7.2348,
-12.8700

 235.7890,
-10.2490, -26.1250

 0.0000, 0.0000,
0.0000

 248.0650, -2.0040,

-10.5810

■ 95.9070, -19.6742,
-83.2334

■ 95.9070, -19.6742,
-83.2334

■ 95.4940, -19.9635,
-83.7482

■ 101.5320,
-17.5173, -75.0116

■ 107.0430,
-15.7972, -66.6897

■ 112.9670,
-13.7877, -57.8531

■ 118.5920,
-11.6309, -49.6312

■ 124.1030, -9.9108,
-41.3093

■ 129.7280, -7.7539,
-33.0875

■ 135.3530, -5.5970,
-24.8656

■ 141.1630, -4.0244,
-15.9290

■ 146.7880, -1.8675,
-7.7071

Harmonies

Analogous

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



117.1410, -57.7505, -3.6317



95.9070, -19.6742, -83.2334



105.4970, 5.6710, -92.5209

Triad

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



95.9070, -19.6742, -83.2334



111.7400, 67.6692, -97.9960



122.5500, -17.0331, 96.8646

Complementary

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



95.9070, -19.6742, -83.2334



57.0930, 19.6742, 83.2334

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.



124.7320, 10.4851, 90.5660



95.9070, -19.6742, -83.2334



128.8850, 54.7797, -23.5781

Square

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



95.9070, -19.6742, -83.2334



115.4610, 54.0027, -101.2593



133.4290, 33.3125, 48.7358



124.6650, -45.1908, 74.8388

Rectangle

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



95.9070, -19.6742, -83.2334



110.6440, 22.8535, -97.0348



133.4290, 33.3125, 48.7358



121.7920, -7.2925, 99.2834

Sweetspot

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



95.9070, -19.6742, -83.2334



174.1410, -7.4645, -32.5727



118.9390, -58.1439, -17.4865



86.0270, -4.4503, -19.3177



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.9070, -19.6742, -83.2334



123.2600, -25.2712, -108.0990



104.2290, 12.2121, -90.5318



74.0380, -1.0047, -4.4183



87.9940, -18.2380, -77.1707



8.2010, -1.5781, -7.1923

Inverse Universe

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



57.0930, 19.6742, 83.2334



72.8540, 25.7080, 107.9990



48.7710, -12.2121, 90.5318



71.9620, 1.0047, 4.4183



52.0060, 18.2380, 77.1707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 95.9070, -19.6742, -83.2334 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 95.9070, -19.6742, -83.2334 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 95.9070, -19.6742, -83.2334

Background



This preview shows how black text looks on a background with the YUV color 95.9070, -19.6742, -83.2334.



This preview shows how white text looks on a background with the YUV color 95.9070, -19.6742, -83.2334.

-83.2334.

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

95.9070, -19.6742, -83.2334

Protanopia

126.2510, -37.5917, 17.3199

Deuteranopia

128.2230, -31.6619, 28.7454



Tritanopia

119.1490, 17.1815, -50.9967

Trichromacy



Original Color

95.9070, -19.6742, -83.2334



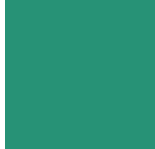
Protanomaly

115.3280, -31.2207, -19.5817



Deuteranomaly

116.4090, -27.3166, -11.7597



Tritanomaly

110.8150, 3.5422, -62.9818

Monochromacy



Original Color

95.9070, -19.6742, -83.2334



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.5650, -7.1805, -30.3135

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9070, -19.6742, -83.2334 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(1, 152, 56)` looks like.

```
.text, #text, p{  
    color:rgb(1, 152, 56)  
}
```

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(1, 152, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 152, 56) }
```

Border

The CSS property to change the border of an element to YUV 95.9070, -19.6742, -83.2334 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(1, 152, 56) }
```


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

```
.border{ border-color:rgb(1, 152, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 152, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 152, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 152, 56);  
box-shadow:4px 4px 4px 4px rgb(1, 152, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.9070, -19.6742, -83.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 152, 56) }
```

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

```
.background{ background-color: rgb(1, 152,  
56) }
```

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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