

Converting Colors

YUV(94.3050, 0.3426, -63.4115)

Have a look what the booklet for
YUV(94.3050, 0.3426, -63.4115)
contains.

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Color

**YUV(94.3050, 0.3426,
-63.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	16835F
RGB	22, 131, 95
RGB Percent	9%, 51%, 37%
CMY	0.9137, 0.4863, 0.6275
CMYK	0.83, 0.00, 0.27, 0.49
HSL	160°, 71%, 30%
HSV	160°, 83%, 51%
XYZ	10.5127, 17.2294, 13.5980
YIQ	94.3050, -53.4080, -34.3040

Conversions

Conversions Part 2

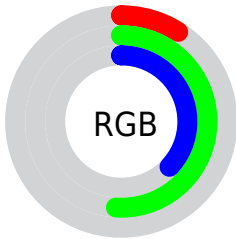
Format	Color
R_{YB}	22, 87, 131
Decimal	1475423
CIE Lab	48.55, -38.21, 11.32
CIE LCh	49, 39.855, 163.500
Yxy	17.2294, 0.2543, 0.4168
Android (android.graphics.Color)	4279665503 (0xFF16835F)
YUV	94.3050, 0.3426, -63.4115
Hunter-Lab	41.5083, -27.4312, 9.6326

Details

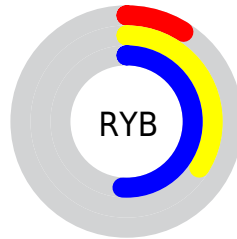
The YUV color **94.3050, 0.3426, -63.4115** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **58.6950, -0.3426, 63.4115**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2520, -2.5892, -56.3490**, and **52.5460, -1.7482, -46.0828** is the 20% darker color. If you saturate the color by 10%, you get **89.9620, 0.5117, -71.0037**, and if you desaturate by 10%, it is **98.6480, 0.1735, -55.8193**.

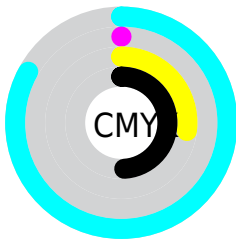
Distribution



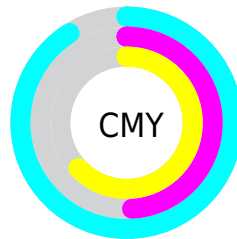
- Red (9%)
- Green (51%)
- Blue (37%)



- Red (9%)
- Yellow (34%)
- Blue (51%)



- Cyan (83%)
- Magenta (0%)
- Yellow (27%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3050, 0.3426, -63.4115 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 94.3050, 0.3426, -63.4115 by changing the saturation by 10% instead.

■ 94.3050, 0.3426,
-63.4115

■ 94.3050, 0.3426,
-63.4115

255.0000, 0.0000,
0.0000

■ 69.7290, 0.6266,
-61.1523

■ 151.2520, -2.5892,
-56.3490

■ 52.5460, -1.7482,
-46.0828

■ 179.0240, -3.4628,
-56.1490

■ 36.0640, -3.9756,
-31.6281

■ 206.9100, -3.8996,
-56.0491

■ 21.3600, -9.5445,
-18.7327

■ 226.9910, 0.0044,
-48.2271

■ 0.0000, 0.0000,
0.0000

■ 238.8540, 7.9600,
-33.1980

■ 247.5250, 3.6852,

-15.3694

■ 94.3050, 0.3426,
-63.4115

■ 94.3050, 0.3426,
-63.4115

■ 89.9620, 0.5117,
-71.0037

■ 98.6480, 0.1735,
-55.8193

■ 86.9290, 0.5280,
-76.2367

■ 103.1050, 0.4412,
-48.3271

■ 107.4480, 0.2721,
-40.7349

■ 111.7910, 0.1030,
-33.1427

■ 116.5470, 0.2233,
-25.0357

■ 120.8900, 0.0542,
-17.4435

■ 125.2330, -0.1149,
-9.8513

■ 129.6900, 0.1528,
-2.3591

■ 134.0330, -0.0163,
5.2331

Harmonies

Analogous

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



106.0750, -20.7430, -20.2368



94.3050, 0.3426, -63.4115



92.3040, 18.5841, -80.9506

Triad

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



94.3050, 0.3426, -63.4115



112.9670, 33.5403, -24.5271



114.2870, -21.8335, 49.7373

Complementary

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



94.3050, 0.3426, -63.4115



58.6950, -0.3426, 63.4115

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.



115.8050, -7.2989, 54.5450



94.3050, 0.3426, -63.4115



118.3590, 22.5010, 16.3482

Square

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



94.3050, 0.3426, -63.4115



93.3080, 42.7392, -81.8311



117.8650, 8.4476, 43.9684



113.2450, -31.6728, 32.2341

Rectangle

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



94.3050, 0.3426, -63.4115



94.2250, 28.4831, -82.6353



117.8650, 8.4476, 43.9684



114.8620, -17.1870, 52.7410

Sweetspot

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



94.3050, 0.3426, -63.4115



156.5470, 0.2233, -25.0357



96.7470, -36.8503, -33.9811



78.2000, -0.0986, -15.0844



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.



94.3050, 0.3426, -63.4115



113.3730, 0.3091, -99.4281



87.8430, 21.2764, -57.7443



63.9780, 0.0108, -3.4887



86.2280, 0.3806, -75.6220



1.9890, 0.0054, -1.7444

Inverse Universe

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



58.6950, -0.3426, 63.4115



57.5130, -0.7459, 99.5281



65.1570, -21.2764, 57.7443



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.3050, 0.3426, -63.4115 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 94.3050, 0.3426, -63.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

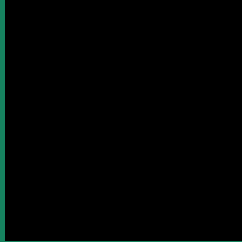
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.3050, 0.3426, -63.4115

Background



This preview shows how black text looks on a background with the YUV color 94.3050, 0.3426, -63.4115.



This preview shows how white text looks on a background with the YUV color 94.3050, 0.3426, -63.4115.

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

94.3050, 0.3426, -63.4115

Protanopia

113.6130, -13.1202, 8.2324

Deuteranopia

115.1390, -7.4635, 13.9101



Tritanopia

103.5190, 16.0131, -49.5672

Trichromacy



Original Color

94.3050, 0.3426, -63.4115

Protanomaly

106.4140, -8.0921, -17.9031

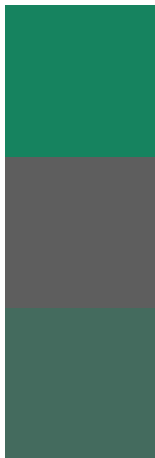
Deuteranomaly

107.6470, -4.7560, -14.5994

Tritanomaly

100.2920, 10.2090, -54.6301

Monochromacy



Original Color

94.3050, 0.3426, -63.4115

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8570, 0.0705, -22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3050, 0.3426, -63.4115 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(22, 131, 95)` looks like.

```
.text, #text, p{  
    color:rgb(22, 131, 95)  
}
```

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(22, 131, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 131, 95) }
```

Border

The CSS property to change the border of an element to YUV 94.3050, 0.3426, -63.4115 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(22, 131, 95) }
```


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

```
.border{ border-color:rgb(22, 131, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 131, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 131, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 131, 95);  
box-shadow:4px 4px 4px 4px rgb(22, 131,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 94.3050, 0.3426, -63.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 131, 95) }
```

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

```
.background{ background-color: rgb(22, 131,  
95) }
```

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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