

Converting Colors

YUV(94.3990, -15.4797,
-28.4139)

Have a look what the booklet for
YUV(94.3990, -15.4797, -28.4139)
contains.

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Color

**YUV(94.3990, -15.4797,
-28.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	3E753F
RGB	62, 117, 63
RGB Percent	24%, 46%, 25%
CMY	0.7569, 0.5412, 0.7529
CMYK	0.47, 0.00, 0.46, 0.54
HSL	121°, 31%, 35%
HSV	121°, 47%, 46%
XYZ	9.2451, 14.1056, 6.9380
YIQ	94.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

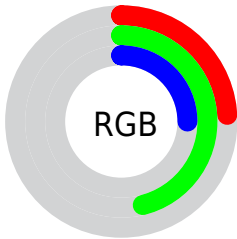
Format	Color
RYB	62, 116, 117
Decimal	4093247
CIELab	44.38, -30.33, 24.23
CIElCh	44, 38.817, 141.381
Yxy	14.1056, 0.3052, 0.4657
Android (android.graphics.Color)	4282283327 (0xFF3E753F)
YUV	94.3990, -15.4797, -28.4139
Hunter-Lab	37.5574, -21.7861, 15.3375

Details

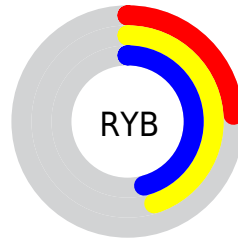
The YUV color **94.3990, -15.4797, -28.4139** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **84.6010, 15.4797, 28.4139**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3450, -16.9321, -29.2436**, and **43.7620, -12.7007, -33.1173** is the 20% darker color. If you saturate the color by 10%, you get **89.5570, -18.5156, -34.6915**, and if you desaturate by 10%, it is **99.2410, -12.4438, -22.1364**.

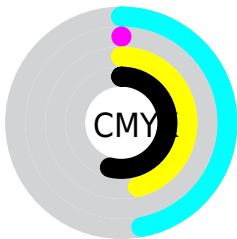
Distribution



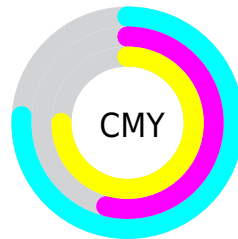
- Red (24%)
- Green (46%)
- Blue (25%)



- Red (24%)
- Yellow (45%)
- Blue (46%)



- Cyan (47%)
- Magenta (0%)
- Yellow (46%)
- Black (54%)





- Cyan (76%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.3990, -15.4797, -28.4139 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 94.3990, -15.4797, -28.4139 by changing the saturation by 10% instead.


 94.3990, -15.4797,
-28.4139


 94.3990, -15.4797,
-28.4139


255.0000, 0.0000,
0.0000


 69.6270, -14.6061,
-28.6139


 146.3450,
-16.9321, -29.2436


 43.7620, -12.7007,
-33.1173

 173.1170,
-17.8057, -29.0436


 26.4150, -13.0226,
-23.1660

 200.7040,
-18.0951, -29.5584

 14.0880, -6.9454,
-12.3552

 229.1770,
-18.8213, -29.9732

 0.0000, 0.0000,
0.0000

 241.3280,
-11.0077, -16.0737

 253.3050, -2.6154,

-1.1445

■ 94.3990, -15.4797,
-28.4139

■ 94.3990, -15.4797,
-28.4139

■ 89.5570, -18.5156,
-34.6915

■ 99.2410, -12.4438,
-22.1364

■ 84.9000, -22.1357,
-40.2543

■ 103.8980, -8.8237,
-16.5735

■ 80.0580, -25.1716,
-46.5319

■ 108.7400, -5.7878,
-10.2960

■ 75.1020, -28.6443,
-52.7095

■ 113.6960, -2.3151,
-4.1184

■ 70.5590, -31.8276,
-58.3722

■ 118.5380, 0.7208,
2.1592

■ 68.9070, -32.9852,
-60.4314

■ 123.1950, 4.3409,
7.7220

■ 128.0370, 7.3768,
13.9996

■ 132.9930, 10.8495,
20.1771

■ 137.5360, 14.0328,
25.8399

Harmonies

Analogous

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



99.5570, -28.3756, 1.2655



94.3990, -15.4797, -28.4139



81.1560, 6.3321, -71.1738

Triad

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



94.3990, -15.4797, -28.4139



84.4230, 41.6965, -74.0390



104.5830, -10.6404, 52.9857

Complementary

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



94.3990, -15.4797, -28.4139



84.6010, 15.4797, 28.4139

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.



106.8500, 4.5110, 46.6126



94.3990, -15.4797, -28.4139



104.7190, 29.7185, -12.0316

Square

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



94.3990, -15.4797, -28.4139



86.9360, 33.5556, -76.2429



108.3770, 18.5481, 24.2254



103.9720, -24.1432, 43.8746

Rectangle

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



94.3990, -15.4797, -28.4139



84.3650, 16.0891, -73.9881



108.3770, 18.5481, 24.2254



105.2500, -5.5462, 52.4008

Sweetspot

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



94.3990, -15.4797, -28.4139



144.3270, -6.0772, -10.8108



110.4310, -23.8765, 4.8840



71.3320, -3.6147, -7.3072



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.3990, -15.4797, -28.4139



117.7100, -24.0140, -44.4727



97.4770, -3.6862, -31.1133



56.5220, -1.7363, -3.0888



71.8420, -34.4321, -63.0054



147.3200, -70.1638, -129.1996

Inverse Universe

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



84.6010, 15.4797, 28.4139



102.2900, 24.0140, 44.4727



81.5230, 3.6862, 31.1133



55.4780, 1.7363, 3.0888



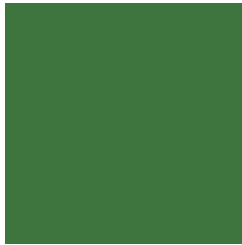
50.1580, 34.4321, 63.0054



102.6800, 70.1638, 129.1996

Previews

White Background



This preview shows how the YUV color 94.3990, -15.4797, -28.4139 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 94.3990, -15.4797, -28.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

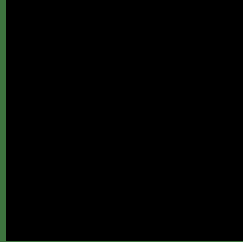
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.3990, -15.4797, -28.4139

Background



This preview shows how black text looks on a background with the YUV color 94.3990, -15.4797, -28.4139.



This preview shows how white text looks on a background with the YUV color 94.3990, -15.4797, -28.4139.

-28.4139.

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

94.3990, -15.4797, -28.4139

Protanopia

102.6320, -22.0036, 10.8467

Deuteranopia

104.0120, -18.2469, 19.2835



Tritanopia

100.8490, 8.9484, -23.5466

Trichromacy



Original Color

94.3990, -15.4797, -28.4139

Protanomaly

99.5270, -19.4868, -3.0932

Deuteranomaly

100.5430, -17.0297, 2.1548

Tritanomaly

98.5470, 0.2233, -25.0357

Monochromacy



Original Color

94.3990, -15.4797, -28.4139

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3990, -15.4797, -28.4139 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(62, 117, 63)` looks like.

```
.text, #text, p{  
    color:rgb(62, 117, 63)  
}
```

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(62, 117, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 117, 63) }
```

Border

The CSS property to change the border of an element to YUV 94.3990, -15.4797, -28.4139 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(62, 117, 63) }
```


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

```
.border{ border-color:rgb(62, 117, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 117, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 117, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 117, 63);  
box-shadow:4px 4px 4px 4px rgb(62, 117,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 94.3990, -15.4797, -28.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 117, 63) }
```

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

```
.background{ background-color: rgb(62, 117,  
63) }
```

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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