

Converting Colors

YUV(93.4840, -24.3956,
-15.3335)

Have a look what the booklet for
YUV(93.4840, -24.3956, -15.3335)
contains.

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Color

**YUV(93.4840, -24.3956,
-15.3335)**

Conversions

Conversions Part 1

Format	Color
Hex	4C702C
RGB	76, 112, 44
RGB Percent	30%, 44%, 17%
CMY	0.7020, 0.5608, 0.8275
CMYK	0.32, 0.00, 0.61, 0.56
HSL	92°, 44%, 31%
HSV	92°, 61%, 44%
XYZ	9.2293, 13.3067, 4.4649
YIQ	93.4840, 0.3720, -28.7800

Conversions

Conversions Part 2

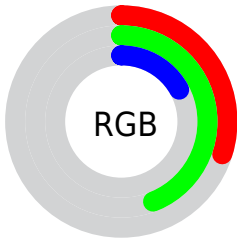
Format	Color
R_{YB}	44, 112, 80
Decimal	5009452
CIE _{Lab}	43.22, -25.45, 33.14
CIE _{LCh}	43, 41.784, 127.524
Yxy	13.3067, 0.3418, 0.4928
Android (android.graphics.Color)	4283199532 (0xFF4C702C)
YUV	93.4840, -24.3956, -15.3335
Hunter-Lab	36.4783, -18.6753, 18.2778

Details


The YUV color **93.4840, -24.3956, -15.3335** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.5160, 24.3956, 15.3335**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7290, -25.9954, -15.5483**, and **45.6410, -22.5010, -16.3482** is the 20% darker color. If you saturate the color by 10%, you get **90.4360, -28.3159, -17.9224**, and if you desaturate by 10%, it is **96.5320, -20.4753, -12.7446**.

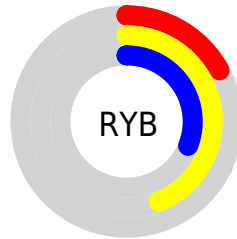
Distribution



 Red (30%)

 Green (44%)

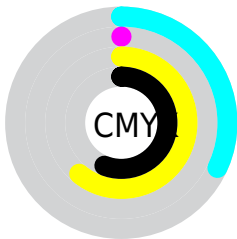
 Blue (17%)




 Red (17%)

 Yellow (44%)

 Blue (31%)

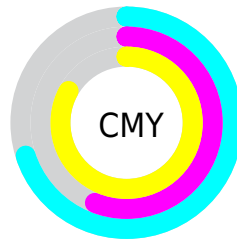



 Cyan (32%)


 Magenta (0%)

 Yellow (61%)

 Black (56%)



 Cyan (70%)

 Magenta (56%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4840, -24.3956, -15.3335 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 93.4840, -24.3956, -15.3335 by changing the saturation by 10% instead.

■ 93.4840, -24.3956,
-15.3335

■ 93.4840, -24.3956,
-15.3335

255.0000, 0.0000,
0.0000

■ 68.5980, -23.9588,
-15.4334

■ 144.7290,
-25.9954, -15.5483

■ 45.6410, -22.5010,
-16.3482

■ 171.6150,
-26.4322, -15.4484

■ 24.3660, -12.0124,
-20.4920

■ 199.0880,
-27.1584, -15.8632

■ 11.1530, -5.4984,
-9.7812

■ 227.5610,
-27.8846, -16.2780

■ 0.0000, 0.0000,
0.0000

■ 243.4190,
-22.3916, -4.7525

■ 251.6940,

-12.6671, 2.8994

■ 93.4840, -24.3956,
-15.3335

■ 93.4840, -24.3956,
-15.3335

■ 90.4360, -28.3159,
-17.9224

■ 96.5320, -20.4753,
-12.7446

■ 87.3880, -32.2363,
-20.5113

■ 99.5800, -16.5549,
-10.1557

■ 84.2260, -36.5934,
-23.0002

■ 102.7420,
-12.1978, -7.6667

■ 81.5910, -40.2244,
-25.0743

■ 105.7900, -8.2775,
-5.0778

■ 108.8380, -4.3571,
-2.4889

■ 111.8860, -0.4368,
0.1000

■ 114.9340, 3.4835,
2.6889

■ 117.7970, 7.9881,
4.5630

■ 120.8450, 11.9084,
7.1519

Harmonies

Analogous

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



97.4400, -34.2339, 13.6461



93.4840, -24.3956, -15.3335



79.8060, -2.8624, -62.0969

Triad

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



93.4840, -24.3956, -15.3335



85.2550, 39.8073, -74.7686



101.8420, -3.3731, 55.3896

Complementary

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



93.4840, -24.3956, -15.3335



62.5160, 24.3956, 15.3335

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.



104.4670, 12.0948, 40.8094



93.4840, -24.3956, -15.3335



94.9050, 37.5148, -39.3817

Square

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



93.4840, -24.3956, -15.3335



85.5680, 28.3140, -75.0431



104.5260, 25.8697, 9.1857



100.9930, -19.2235, 52.6261

Rectangle

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



93.4840, -24.3956, -15.3335



81.0250, 8.3687, -71.0589



104.5260, 25.8697, 9.1857



102.4980, 1.7265, 53.0603

Sweetspot

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



93.4840, -24.3956, -15.3335



137.8500, -9.2930, -6.0074



84.8770, -20.1524, 23.7869



69.4850, -5.6621, -3.9333



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



93.4840, -24.3956, -15.3335



116.1720, -38.0458, -23.8298



84.0300, -19.2418, -35.1063



54.4190, -2.1786, -1.2445



87.1840, -42.9817, -27.3484



179.6730, -88.5788, -55.8412

Inverse Universe

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



62.5160, 24.3956, 15.3335



67.8280, 38.0458, 23.8298



71.9700, 19.2418, 35.1063



51.5810, 2.1786, 1.2445



32.5170, 43.1291, 26.7336



67.3270, 88.5788, 55.8412

Previews

White Background



This preview shows how the YUV color 93.4840, -24.3956, -15.3335 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 93.4840, -24.3956, -15.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

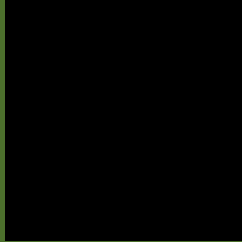
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4840, -24.3956, -15.3335

Background



This preview shows how black text looks on a background with the YUV color 93.4840, -24.3956, -15.3335.



This preview shows how white text looks on a background with the YUV color 93.4840, -24.3956, -15.3335.

-15.3335.

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

93.4840, -24.3956, -15.3335

Protanopia

98.3350, -28.2662, 12.8612

Deuteranopia

100.0850, -25.6779, 22.7275



Tritanopia

100.2310, 6.2951, -12.4806

Trichromacy



Original Color

93.4840, -24.3956, -15.3335

Protanomaly

96.9100, -27.0706, 2.7099

Deuteranomaly

97.5240, -24.9083, 9.1875

Tritanomaly

97.9460, -4.9034, -13.9846

Monochromacy



Original Color

93.4840, -24.3956, -15.3335

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2630, -9.0037, -5.4927

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4840, -24.3956, -15.3335 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(76, 112, 44)` looks like.

```
.text, #text, p{  
    color:rgb(76, 112, 44)  
}
```

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(76, 112, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 112, 44) }
```

Border

The CSS property to change the border of an element to YUV 93.4840, -24.3956, -15.3335 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(76, 112, 44) }
```


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

```
.border{ border-color:rgb(76, 112, 44) }
```

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

Here you see how a box with a 4 pixel rgb(76, 112, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 112, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 112, 44);  
box-shadow:4px 4px 4px 4px rgb(76, 112,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 93.4840, -24.3956, -15.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 112, 44) }
```

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

```
.background{ background-color: rgb(76, 112,  
44) }
```

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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