

Converting Colors

YUV(94.4820, -17.9856,
-17.9627)

Have a look what the booklet for
YUV(94.4820, -17.9856, -17.9627)
contains.

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Color

**YUV(94.4820, -17.9856,
-17.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	4A703A
RGB	74, 112, 58
RGB Percent	29%, 44%, 23%
CMY	0.7098, 0.5608, 0.7725
CMYK	0.34, 0.00, 0.48, 0.56
HSL	102°, 32%, 33%
HSV	102°, 48%, 44%
XYZ	9.3819, 13.3497, 6.0853
YIQ	94.4820, -5.3140, -24.8500

Conversions

Conversions Part 2

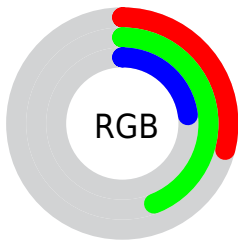
Format	Color
RYB	58, 112, 96
Decimal	4878394
CIELab	43.29, -24.46, 25.75
CIELCh	43, 35.519, 133.534
Yxy	13.3497, 0.3256, 0.4633
Android (android.graphics.Color)	4283068474 (0xFF4A703A)
YUV	94.4820, -17.9856, -17.9627
Hunter-Lab	36.5372, -18.1053, 15.7013

Details

The YUV color **94.4820, -17.9856, -17.9627** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75.5180, 17.9856, 17.9627**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7270, -19.5854, -18.1776**, and **46.8240, -16.6752, -18.2626** is the 20% darker color. If you saturate the color by 10%, you get **90.8360, -21.6111, -21.7812**, and if you desaturate by 10%, it is **98.1280, -14.3601, -14.1443**.

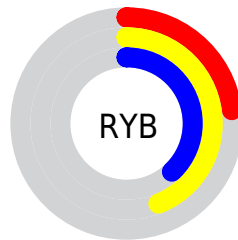
Distribution



Red (29%)

Green (44%)

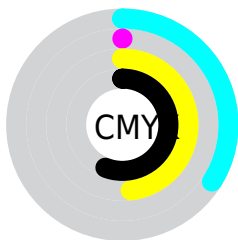
Blue (23%)



Red (23%)

Yellow (44%)

Blue (38%)

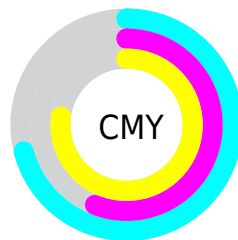


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4820, -17.9856, -17.9627 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 94.4820, -17.9856, -17.9627 by changing the saturation by 10% instead.

■ 94.4820, -17.9856,
-17.9627

■ 94.4820, -17.9856,
-17.9627

■ 255.0000, 0.0000,
0.0000

■ 70.0090, -17.2594,
-17.5479

■ 145.7270,
-19.5854, -18.1776

■ 46.8240, -16.6752,
-18.2626

■ 172.3140,
-19.8748, -18.6924

■ 25.2630, -12.4547,
-18.6477

■ 199.7870,
-20.6010, -19.1072

■ 11.7400, -5.7878,
-10.2960

■ 228.2600,
-21.3272, -19.5220

■ 0.0000, 0.0000,
0.0000

■ 244.2320,
-15.3974, -8.0965

■ 253.5180, -5.6784,

1.2997

■ 94.4820, -17.9856,
-17.9627

■ 94.4820, -17.9856,
-17.9627

■ 90.8360, -21.6111,
-21.7812

■ 98.1280, -14.3601,
-14.1443

■ 87.1900, -25.2367,
-25.5996

■ 101.7740,
-10.7346, -10.3258

■ 83.4300, -29.2990,
-29.3181

■ 105.5340, -6.6723,
-6.6073

■ 79.7840, -32.9245,
-33.1366

■ 109.1800, -3.0467,
-2.7889

■ 76.4370, -36.6974,
-36.3402

■ 112.5270, 0.7262,
0.4148

■ 75.6110, -37.2762,
-37.3698

■ 116.1730, 4.3517,
4.2333

■ 119.8190, 7.9772,
8.0517

■ 123.5790, 12.0396,
11.7702

■ 127.2250, 15.6651,
15.5887

Harmonies

Analogous

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



98.5300, -27.3763, 7.4282



94.4820, -17.9856, -17.9627



84.9580, 0.0207, -53.4602

Triad

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



94.4820, -17.9856, -17.9627



82.5820, 37.1811, -72.4244



103.2880, -6.5510, 47.9824

Complementary

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



94.4820, -17.9856, -17.9627



75.5180, 17.9856, 17.9627

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.



104.8920, 7.4482, 37.8057



94.4820, -17.9856, -17.9627



100.4360, 28.8721, -20.5534

Square

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



94.4820, -17.9856, -17.9627



83.6930, 28.7454, -73.3988



105.2510, 19.5963, 14.6889



101.6390, -19.0490, 43.2896

Rectangle

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



94.4820, -17.9856, -17.9627



80.6490, 12.0050, -70.7292



105.2510, 19.5963, 14.6889



103.2430, -1.5988, 46.2679

Sweetspot

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



94.4820, -17.9856, -17.9627



138.5340, -6.6723, -6.6073



96.4520, -18.9568, 13.6356



69.8270, -4.3517, -4.2333



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.



94.4820, -17.9856, -17.9627



117.7830, -27.9940, -27.8737



90.9520, -10.8223, -28.8989



54.1200, -2.0312, -1.8592



81.2040, -40.0336, -39.6439



166.8160, -82.2403, -82.2766

Inverse Universe

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



75.5180, 17.9856, 17.9627



88.2170, 27.9940, 27.8737



79.0480, 10.8223, 28.8989



51.8800, 2.0312, 1.8592



38.7960, 40.0336, 39.6439



80.1840, 82.2403, 82.2766

Previews

White Background



This preview shows how the YUV color 94.4820, -17.9856, -17.9627 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 94.4820, -17.9856, -17.9627 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 94.4820, -17.9856, -17.9627

Background



This preview shows how black text looks on a background with the YUV color 94.4820, -17.9856, -17.9627.



This preview shows how white text looks on a background with the YUV color 94.4820, -17.9856, -17.9627.

-17.9627.

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

94.4820, -17.9856, -17.9627

Protanopia

99.5180, -22.4404, 10.9467

Deuteranopia

100.7840, -19.1205, 19.4834



Tritanopia

100.0350, 6.8847, -14.9397

Trichromacy



Original Color

94.4820, -17.9856, -17.9627

Protanomaly

97.7940, -21.0974, 0.1807

Deuteranomaly

98.2230, -18.3509, 5.9434

Tritanomaly

98.0320, -1.9878, -15.8141

Monochromacy



Original Color

94.4820, -17.9856, -17.9627

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.5340, -6.6723, -6.6073

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4820, -17.9856, -17.9627 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(74, 112, 58)` looks like.

```
.text, #text, p{  
    color:rgb(74, 112, 58)  
}
```

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(74, 112, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 112, 58) }
```

Border

The CSS property to change the border of an element to YUV 94.4820, -17.9856, -17.9627 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(74, 112, 58) }
```


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

```
.border{ border-color:rgb(74, 112, 58) }
```

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

Here you see how a box with a 4 pixel rgb(74, 112, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 112, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 112, 58);  
box-shadow:4px 4px 4px 4px rgb(74, 112,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 94.4820, -17.9856, -17.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 112, 58) }
```

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

```
.background{ background-color: rgb(74, 112,  
58) }
```

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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