

Converting Colors

YUV(94.9490, -19.6949,
-29.7733)

Have a look what the booklet for
YUV(94.9490, -19.6949, -29.7733)
contains.

YUV(94.9490, -19.6949, -29.7733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(94.9490, -19.6949,
-29.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7837
RGB	61, 120, 55
RGB Percent	24%, 47%, 22%
CMY	0.7608, 0.5294, 0.7843
CMYK	0.49, 0.00, 0.54, 0.53
HSL	114°, 37%, 34%
HSV	114°, 54%, 47%
XYZ	9.3305, 14.7009, 5.9602
YIQ	94.9490, -14.2990, -32.7230

Conversions

Conversions Part 2

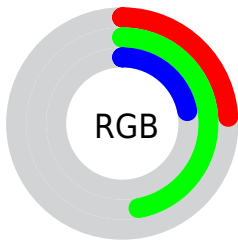
Format	Color
RYB	55, 120, 114
Decimal	4028471
CIELab	45.22, -33.23, 29.62
CIELCh	45, 44.515, 138.295
Yxy	14.7009, 0.3111, 0.4902
Android (android.graphics.Color)	4282218551 (0xFF3D7837)
YUV	94.9490, -19.6949, -29.7733
Hunter-Lab	38.3417, -23.6597, 17.6226

Details

The YUV color **94.9490, -19.6949, -29.7733** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **80.0510, 19.6949, 29.7733**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1940, -21.2946, -29.9881**, and **42.8880, -17.1998, -36.7358** is the 20% darker color. If you saturate the color by 10%, you get **90.2920, -23.3150, -35.3361**, and if you desaturate by 10%, it is **99.6060, -16.0748, -24.2105**.

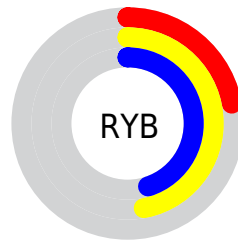
Distribution



Red (24%)

Green (47%)

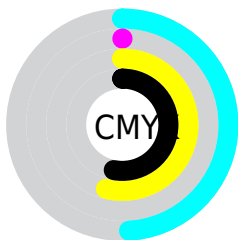
Blue (22%)



Red (22%)

Yellow (47%)

Blue (45%)

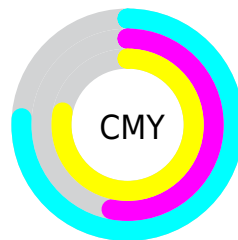


Cyan (49%)

Magenta (0%)

Yellow (54%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9490, -19.6949, -29.7733 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 94.9490, -19.6949, -29.7733 by changing the saturation by 10% instead.

■ 94.9490, -19.6949,
-29.7733

■ 94.9490, -19.6949,
-29.7733

255.0000, 0.0000,
0.0000

■ 69.8780, -18.6739,
-30.5880

■ 147.1940,
-21.2946, -29.9881

■ 42.8880, -17.1998,
-36.7358

■ 173.9660,
-22.1682, -29.7882

■ 27.5890, -13.6014,
-24.1956

■ 202.0260,
-23.1838, -30.7178

■ 15.8490, -7.8136,
-13.8996

■ 228.8520,
-22.6050, -29.6882

■ 0.0000, 0.0000,
0.0000

■ 240.3020,
-14.9389, -15.1739

■ 252.2790, -6.5465,

-0.2447

■ 94.9490, -19.6949,
-29.7733

■ 94.9490, -19.6949,
-29.7733

■ 90.2920, -23.3150,
-35.3361

■ 99.6060, -16.0748,
-24.2105

■ 85.6350, -26.9351,
-40.8989

■ 104.2630,
-12.4547, -18.6477

■ 80.9780, -30.5552,
-46.4617

■ 108.9200, -8.8346,
-13.0848

■ 76.3210, -34.1753,
-52.0245

■ 113.5770, -5.2145,
-7.5220

■ 73.7290, -36.3484,
-55.0133

■ 117.9350, -1.4470,
-2.5740

■ 122.5920, 2.1731,
2.9888

■ 127.2490, 5.7932,
8.5516

■ 131.9060, 9.4133,
14.1144

■ 136.5630, 13.0334,
19.6772

Harmonies

Analogous

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



100.5590, -34.7856, 3.8948



94.9490, -19.6949, -29.7733



83.1620, 3.8641, -72.9331

Triad

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



94.9490, -19.6949, -29.7733



88.0250, 45.3437, -77.1979



105.5670, -9.6465, 60.8927

Complementary

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



94.9490, -19.6949, -29.7733



80.0510, 19.6949, 29.7733

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.



107.9800, 7.4049, 51.7605



94.9490, -19.6949, -29.7733



105.2710, 35.8554, -20.4087

Square

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



94.9490, -19.6949, -29.7733



90.0820, 35.4556, -79.0019



110.8160, 22.7687, 23.8404



104.9730, -25.6227, 51.7667

Rectangle

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



94.9490, -19.6949, -29.7733



86.7130, 14.9315, -76.0473



110.8160, 22.7687, 23.8404



106.3480, -4.1156, 60.2078

Sweetspot

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



94.9490, -19.6949, -29.7733



146.2730, -7.5296, -11.6404



108.4810, -26.3661, 10.1022



73.1040, -4.4883, -7.1072



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.9490, -19.6949, -29.7733



116.8640, -30.9920, -46.3617



96.1190, -7.4537, -36.0614



58.8210, -1.8838, -2.4740



76.9630, -37.9428, -56.9726



154.8010, -76.3169, -115.5895

Inverse Universe

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



80.0510, 19.6949, 29.7733



93.1360, 30.9920, 46.3617



78.8810, 7.4537, 36.0614



57.4780, 1.7363, 3.0888



48.0370, 37.9428, 56.9726



97.1990, 76.3169, 115.5895

Previews

White Background



This preview shows how the YUV color 94.9490, -19.6949, -29.7733 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 94.9490, -19.6949, -29.7733 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 94.9490, -19.6949, -29.7733

Background



This preview shows how black text looks on a background with the YUV color 94.9490, -19.6949, -29.7733.



This preview shows how white text looks on a background with the YUV color 94.9490, -19.6949, -29.7733.

-29.7733.

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

94.9490, -19.6949, -29.7733

Protanopia

103.9050, -26.0822, 12.3613

Deuteranopia

105.5840, -22.4729, 21.4128



Tritanopia

102.6640, 9.5326, -24.2613

Trichromacy



Original Color

94.9490, -19.6949, -29.7733

Protanomaly

100.6750, -23.9968, -3.2230

Deuteranomaly

101.9900, -21.6871, 2.6398

Tritanomaly

100.1940, -1.0816, -26.4801

Monochromacy



Original Color

94.9490, -19.6949, -29.7733

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9850, -7.3876, -10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9490, -19.6949, -29.7733 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(61, 120, 55)` looks like.

```
.text, #text, p{  
    color:rgb(61, 120, 55)  
}
```

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(61, 120, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 120, 55) }
```

Border

The CSS property to change the border of an element to YUV 94.9490, -19.6949, -29.7733 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(61, 120, 55) }
```


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

```
.border{ border-color:rgb(61, 120, 55) }
```

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

Here you see how a box with a 4 pixel rgb(61, 120, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 120, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 120, 55);  
box-shadow:4px 4px 4px 4px rgb(61, 120,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 94.9490, -19.6949, -29.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 120, 55) }
```

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

```
.background{ background-color: rgb(61, 120,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor