

Converting Colors

YUV(94.2000, -20.3116,
-18.5924)

Have a look what the booklet for
YUV(94.2000, -20.3116, -18.5924)
contains.

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Color

**YUV(94.2000, -20.3116,
-18.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	497135
RGB	73, 113, 53
RGB Percent	29%, 44%, 21%
CMY	0.7137, 0.5569, 0.7922
CMYK	0.35, 0.00, 0.53, 0.56
HSL	100°, 36%, 33%
HSV	100°, 53%, 44%
XYZ	9.2954, 13.4838, 5.4809
YIQ	94.2000, -4.5800, -27.1400

Conversions

Conversions Part 2

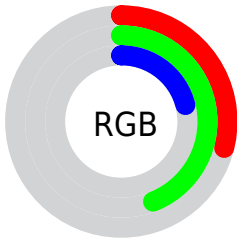
Format	Color
RYB	53, 113, 93
Decimal	4813109
CIELab	43.48, -26.03, 28.71
CIELCh	43, 38.755, 132.196
Yxy	13.4838, 0.3289, 0.4771
Android (android.graphics.Color)	4283003189 (0xFF497135)
YUV	94.2000, -20.3116, -18.5924
Hunter-Lab	36.7202, -19.0748, 16.8545

Details

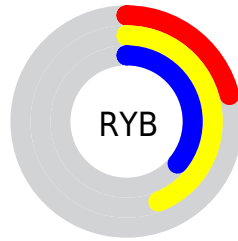
The YUV color **94.2000, -20.3116, -18.5924** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.8000, 20.3116, 18.5924**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4450, -21.9114, -18.8073**, and **46.0150, -19.7274, -19.3072** is the 20% darker color. If you saturate the color by 10%, you get **90.5540, -23.9371, -22.4109**, and if you desaturate by 10%, it is **97.8460, -16.6861, -14.7739**.

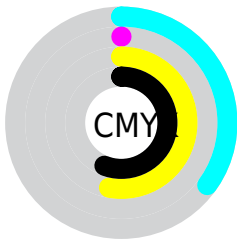
Distribution



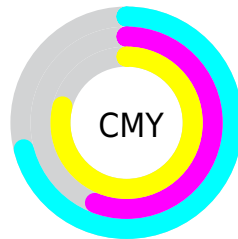
- Red (29%)
- Green (44%)
- Blue (21%)



- Red (21%)
- Yellow (44%)
- Blue (36%)



- Cyan (35%)
- Magenta (0%)
- Yellow (53%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2000, -20.3116, -18.5924 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 94.2000, -20.3116, -18.5924 by changing the saturation by 10% instead.

■ 94.2000, -20.3116,
-18.5924

■ 94.2000, -20.3116,
-18.5924

■ 255.0000, 0.0000,
0.0000

■ 69.7270, -19.5854,
-18.1776

■ 145.4450,
-21.9114, -18.8073

■ 46.0150, -19.7274,
-19.3072

■ 172.0320,
-22.2008, -19.3221

■ 24.6540, -12.1544,
-21.6216

■ 199.8040,
-23.0744, -19.1221

■ 11.7400, -5.7878,
-10.2960

■ 227.9780,
-23.6532, -20.1517

■ 0.0000, 0.0000,
0.0000

■ 243.3630,
-17.4340, -8.2114

■ 252.8340, -8.2992,

1.8996

■ 94.2000, -20.3116,
-18.5924

■ 94.2000, -20.3116,
-18.5924

■ 90.5540, -23.9371,
-22.4109

■ 97.8460, -16.6861,
-14.7739

■ 87.0930, -28.1468,
-25.5146

■ 101.3070,
-12.4764, -11.6702

■ 83.4470, -31.7724,
-29.3330

■ 104.9530, -8.8508,
-7.8518

■ 80.1000, -35.5453,
-32.5367

■ 108.3000, -5.0779,
-4.6481

■ 77.6930, -38.3026,
-34.8108

■ 112.0600, -1.0156,
-0.9296

■ 115.4070, 2.7573,
2.2741

■ 119.0530, 6.3829,
6.0925

■ 122.4000, 10.1558,
9.2962

■ 126.1600, 14.2181,
13.0147

Harmonies

Analogous

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



98.0310, -30.5813, 8.7428



94.2000, -20.3116, -18.5924



80.7180, 0.6320, -62.8967

Triad

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



94.2000, -20.3116, -18.5924



84.4400, 39.2231, -74.0539



102.8370, -5.8356, 51.8860

Complementary

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



94.2000, -20.3116, -18.5924



71.8000, 20.3116, 18.5924

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.



105.2560, 8.7478, 40.9945



94.2000, -20.3116, -18.5924



99.7280, 32.6721, -26.0715

Square

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



94.2000, -20.3116, -18.5924



85.2090, 29.4770, -74.7283



105.9350, 22.2170, 14.0890



101.7320, -20.0809, 47.5930

Rectangle

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



94.2000, -20.3116, -18.5924



81.7090, 10.9895, -71.6588



105.9350, 22.2170, 14.0890



103.2050, -0.5941, 50.6862

Sweetspot

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



94.2000, -20.3116, -18.5924



140.4800, -8.1246, -7.4370



94.4200, -20.4201, 16.2947



69.7130, -4.7885, -4.1333



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.



94.2000, -20.3116, -18.5924



118.3330, -32.2092, -29.2330



89.3600, -12.9955, -31.8877



54.1200, -2.0312, -1.8592



82.4000, -40.6232, -37.1848



169.5070, -83.5670, -76.7436

Inverse Universe

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



71.8000, 20.3116, 18.5924



82.6670, 32.2092, 29.2330



76.6400, 12.9955, 31.8877



51.8800, 2.0312, 1.8592



37.6000, 40.6232, 37.1848



77.4930, 83.5670, 76.7436

Previews

White Background



This preview shows how the YUV color 94.2000, -20.3116, -18.5924 looks on a white background.

Color Contrast Check

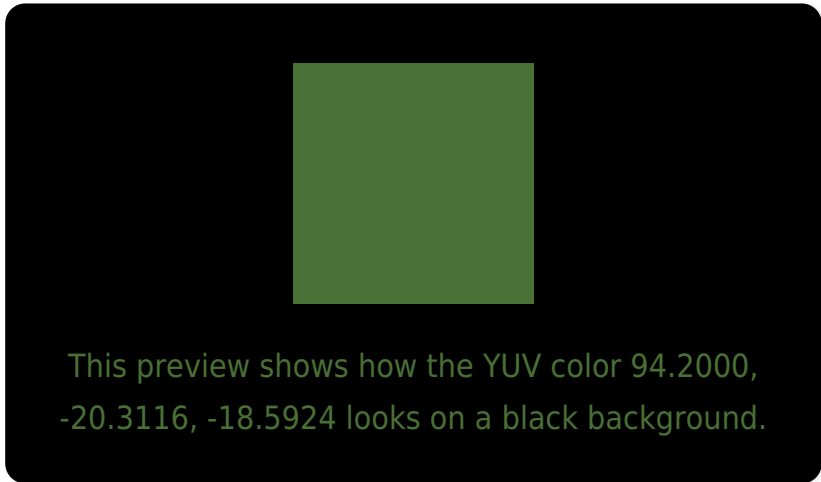
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 94.2000, -20.3116, -18.5924 Background



This preview shows how black text looks on a background with the YUV color 94.2000, -20.3116, -18.5924.



This preview shows how white text looks on a background with the YUV color 94.2000, -20.3116,

-18.5924.

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

94.2000, -20.3116, -18.5924

Protanopia

99.3610, -24.3350, 11.9614

Deuteranopia

101.3990, -21.8887, 20.6981



Tritanopia

100.1490, 7.3215, -15.0397

Trichromacy



Original Color

94.2000, -20.3116, -18.5924

Protanomaly

97.3380, -22.8446, 0.5806

Deuteranomaly

98.5390, -20.9717, 6.5433

Tritanomaly

98.0920, -3.0034, -16.7437

Monochromacy



Original Color

94.2000, -20.3116, -18.5924

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2000, -20.3116, -18.5924 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(73, 113, 53)` looks like.

```
.text, #text, p{  
    color:rgb(73, 113, 53)  
}
```

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(73, 113, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 113, 53) }
```

Border

The CSS property to change the border of an element to YUV 94.2000, -20.3116, -18.5924 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(73, 113, 53) }
```


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

```
.border{ border-color:rgb(73, 113, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 113, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 113, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 113, 53);  
box-shadow:4px 4px 4px 4px rgb(73, 113,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 94.2000, -20.3116, -18.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 113, 53) }
```

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

```
.background{ background-color: rgb(73, 113,  
53) }
```

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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