

Converting Colors

YUV(94.3920, -8.0813, -21.3918)

Have a look what the booklet for
YUV(94.3920, -8.0813, -21.3918)
contains.

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Color

**YUV(94.3920, -8.0813,
-21.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	466E4E
RGB	70, 110, 78
RGB Percent	27%, 43%, 31%
CMY	0.7255, 0.5686, 0.6941
CMYK	0.36, 0.00, 0.29, 0.57
HSL	132°, 22%, 35%
HSV	132°, 36%, 43%
XYZ	9.4769, 13.0040, 9.2183
YIQ	94.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

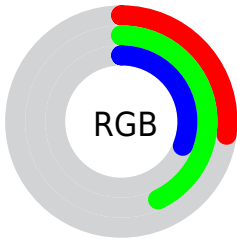
Format	Color
R_{YB}	70, 103, 110
Decimal	4615758
CIE _{Lab}	42.77, -21.46, 13.51
CIE _{LCh}	43, 25.359, 147.819
Yxy	13.0040, 0.2990, 0.4102
Android (android.graphics.Color)	4282805838 (0xFF466E4E)
YUV	94.3920, -8.0813, -21.3918
Hunter-Lab	36.0611, -16.1970, 10.0865

Details

The YUV color **94.3920, -8.0813, -21.3918** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **85.6080, 8.0813, 21.3918**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4520, -9.0968, -22.3214**, and **47.0330, -6.9183, -21.0769** is the 20% darker color. If you saturate the color by 10%, you get **90.0770, -10.3910, -27.2545**, and if you desaturate by 10%, it is **98.7070, -5.7716, -15.5290**.

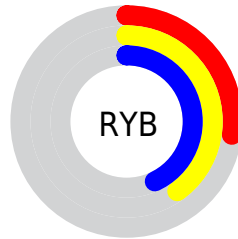
Distribution



Red (27%)

Green (43%)

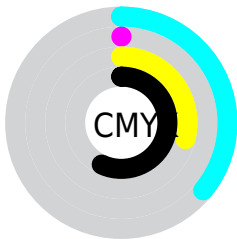
Blue (31%)



Red (27%)

Yellow (40%)

Blue (43%)

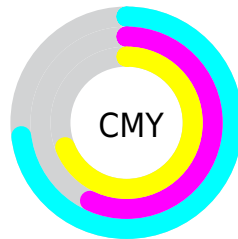


Cyan (36%)

Magenta (0%)

Yellow (29%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3920, -8.0813, -21.3918 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 94.3920, -8.0813, -21.3918 by changing the saturation by 10% instead.

■ 94.3920, -8.0813,
-21.3918

■ 94.3920, -8.0813,
-21.3918

■ 255.0000, 0.0000,
0.0000

■ 69.9190, -7.3551,
-20.9770

■ 145.4520, -9.0968,
-22.3214

■ 47.0330, -6.9183,
-21.0769

■ 172.0390, -9.3862,
-22.8362

■ 24.8480, -6.3341,
-21.7917

■ 199.6260, -9.6756,
-23.3510

■ 9.9790, -4.9196,
-8.7516

■ 227.6260, -9.6756,
-23.3510

■ 0.0000, 0.0000,
0.0000

■ 245.0600, -4.4666,
-14.0846

■ 94.3920, -8.0813,
-21.3918

■ 94.3920, -8.0813,
-21.3918

■ 90.0770, -10.3910,
-27.2545

■ 98.7070, -5.7716,
-15.5290

■ 85.7620, -12.7007,
-33.1173

■ 103.0220, -3.4618,
-9.6663

■ 81.5610, -14.5736,
-39.0800

■ 107.2230, -1.5889,
-3.7036

■ 77.2460, -16.8833,
-44.9427

■ 111.5380, 0.7208,
2.1592

■ 72.9310, -19.1930,
-50.8055

■ 115.8530, 3.0305,
8.0219

■ 68.6160, -21.5027,
-56.6682

■ 120.1680, 5.3402,
13.8847

■ 67.0780, -22.2235,
-58.8274

■ 124.4830, 7.6499,
19.7474

■ 128.6840, 9.5228,

25.7101

■ 132.9990, 11.8325,
31.5729

Harmonies

Analogous

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



97.8090, -17.1608, -2.4635



94.3920, -8.0813, -21.3918



89.5880, 4.6401, -41.7347

Triad

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



94.3920, -8.0813, -21.3918



97.0950, 22.6312, -25.5163



102.1030, -9.4178, 34.1127

Complementary

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



94.3920, -8.0813, -21.3918



85.6080, 8.0813, 21.3918

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.



103.4970, -0.2450, 32.0131



94.3920, -8.0813, -21.3918



102.2830, 17.6085, -1.1252

Square

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



94.3920, -8.0813, -21.3918



89.0550, 23.1439, -50.0372



104.0530, 9.8339, 19.2475



101.2950, -17.4004, 27.8053

Rectangle

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



94.3920, -8.0813, -21.3918



85.5030, 13.5560, -54.8151



104.0530, 9.8339, 19.2475



102.4990, -6.6550, 34.6424

Sweetspot

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



94.3920, -8.0813, -21.3918



136.7340, -3.3199, -8.5367



103.0480, -16.2927, -0.9191



67.5110, -1.7309, -4.8331



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



94.3920, -8.0813, -21.3918



118.4630, -12.5533, -33.7321



96.6720, 0.6547, -23.3913



53.7500, -0.8628, -3.2887



73.1760, -24.2438, -64.1754



150.5750, -50.0765, -132.0543

Inverse Universe

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



85.6080, 8.0813, 21.3918



104.5370, 12.5533, 33.7321



83.3280, -0.6547, 23.3913



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 94.3920, -8.0813, -21.3918 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 94.3920, -8.0813, -21.3918 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 94.3920, -8.0813, -21.3918

Background



This preview shows how black text looks on a background with the YUV color 94.3920, -8.0813, -21.3918.



This preview shows how white text looks on a background with the YUV color 94.3920, -8.0813, -21.3918.

-21.3918.

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

94.3920, -8.0813, -21.3918

Protanopia

99.4280, -12.5360, 7.5176

Deuteranopia

101.1560, -9.9369, 13.8952



Tritanopia

97.6540, 8.0586, -18.1136

Trichromacy



Original Color

94.3920, -8.0813, -21.3918

Protanomaly

97.7040, -11.1931, -3.2484

Deuteranomaly

98.8940, -9.3147, 0.9700

Tritanomaly

96.4490, 2.2436, -19.6878

Monochromacy



Original Color

94.3920, -8.0813, -21.3918

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3920, -8.0813, -21.3918 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(70, 110, 78)` looks like.

```
.text, #text, p{  
    color:rgb(70, 110, 78)  
}
```

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(70, 110, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 110, 78) }
```

Border

The CSS property to change the border of an element to YUV 94.3920, -8.0813, -21.3918 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(70, 110, 78) }
```


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

```
.border{ border-color:rgb(70, 110, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 110, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 110, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 110, 78);  
box-shadow:4px 4px 4px 4px rgb(70, 110,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 94.3920, -8.0813, -21.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 110, 78) }
```

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

```
.background{ background-color: rgb(70, 110,  
78) }
```

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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