

Converting Colors

YUV(94.3580, -3.1345, -21.3620)

Have a look what the booklet for
YUV(94.3580, -3.1345, -21.3620)
contains.

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Color

**YUV(94.3580, -3.1345,
-21.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	466C58
RGB	70, 108, 88
RGB Percent	27%, 42%, 35%
CMY	0.7255, 0.5765, 0.6549
CMYK	0.35, 0.00, 0.19, 0.58
HSL	148°, 21%, 35%
HSV	148°, 35%, 42%
XYZ	9.6498, 12.7318, 11.1814
YIQ	94.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

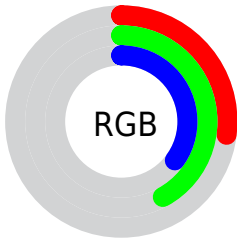
Format	Color
R_{YB}	70, 96, 108
Decimal	4615256
CIE _{Lab}	42.36, -18.28, 6.96
CIE _{LCh}	42, 19.560, 159.166
Yxy	12.7318, 0.2875, 0.3793
Android (android.graphics.Color)	4282805336 (0xFF466C58)
YUV	94.3580, -3.1345, -21.3620
Hunter-Lab	35.6816, -14.1690, 6.3977

Details

The YUV color **94.3580, -3.1345, -21.3620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.6420, 3.1345, 21.3620**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5320, -3.7133, -22.3916**, and **46.9990, -1.9715, -21.0471** is the 20% darker color. If you saturate the color by 10%, you get **90.3850, -4.1338, -27.5246**, and if you desaturate by 10%, it is **98.3310, -2.1352, -15.1993**.

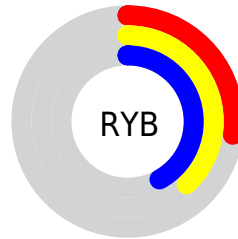
Distribution



Red (27%)

Green (42%)

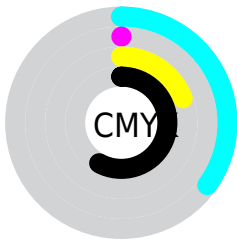
Blue (35%)



Red (27%)

Yellow (38%)

Blue (42%)

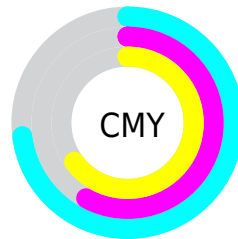


Cyan (35%)

Magenta (0%)

Yellow (19%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3580, -3.1345, -21.3620 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 94.3580, -3.1345, -21.3620 by changing the saturation by 10% instead.

■ 94.3580, -3.1345,
-21.3620

■ 94.3580, -3.1345,
-21.3620

■ 255.0000, 0.0000,
0.0000

■ 70.4720, -2.6977,
-21.4619

■ 145.5320, -3.7133,
-22.3916

■ 46.9990, -1.9715,
-21.0471

■ 172.1190, -4.0027,
-22.9064

■ 25.1130, -1.5347,
-21.1471

■ 199.1190, -4.0027,
-22.9064

■ 8.8050, -4.3409,
-7.7220

■ 227.4070, -4.1447,
-24.0359

■ 0.0000, 0.0000,
0.0000

■ 246.4280, 0.7750,
-15.2844

■ 94.3580, -3.1345,
-21.3620

■ 94.3580, -3.1345,
-21.3620

■ 90.3850, -4.1338,
-27.5246

■ 98.3310, -2.1352,
-15.1993

■ 86.5260, -4.6963,
-33.7873

■ 102.1900, -1.5727,
-8.9366

■ 82.8520, -5.8430,
-39.3352

■ 105.8640, -0.4260,
-3.3887

■ 78.8790, -6.8423,
-45.4979

■ 109.8370, 0.5734,
2.7740

■ 75.0200, -7.4049,
-51.7605

■ 113.6960, 1.1359,
9.0366

■ 71.0470, -8.4042,
-57.9232

■ 117.6690, 2.1352,
15.1993

■ 69.2100, -8.9775,
-60.6972

■ 121.6420, 3.1345,
21.3620

■ 125.2020, 3.8444,

27.0098

■ 129.1750, 4.8437,
33.1725

Harmonies

Analogous

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



96.7960, -10.7454, -6.8371



94.3580, -3.1345, -21.3620



92.0990, 6.3602, -33.4128

Triad

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



94.3580, -3.1345, -21.3620



99.4620, 16.0412, -11.8062



100.8200, -10.2643, 25.5909

Complementary

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



94.3580, -3.1345, -21.3620



83.6420, 3.1345, 21.3620

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.



102.0680, -2.9915, 26.2504



94.3580, -3.1345, -21.3620



102.0190, 11.3296, 6.1223

Square

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



94.3580, -3.1345, -21.3620



95.5910, 16.9636, -27.7053



102.9730, 4.4503, 19.3177



99.9240, -14.7525, 18.4837

Rectangle

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



94.3580, -3.1345, -21.3620



91.1570, 11.7546, -36.9717



102.9730, 4.4503, 19.3177



101.4010, -8.0857, 26.8353

Sweetspot

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



94.3580, -3.1345, -21.3620



134.6030, -1.2833, -8.4218



98.2860, -13.9450, -7.2668



67.8530, -0.4205, -5.1331



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.



94.3580, -3.1345, -21.3620



118.8250, -4.8437, -33.1725



96.5240, 5.1647, -23.2615



51.8640, -0.4260, -3.3887



75.0630, -9.3981, -65.8303



157.0390, -20.2322, -137.7232

Inverse Universe

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



83.6420, 3.1345, 21.3620



102.1750, 4.8437, 33.1725



81.4760, -5.1647, 23.2615



50.1360, 0.4260, 3.3887



42.0510, 9.8349, 65.7303



87.9610, 20.2322, 137.7232

Previews

White Background



This preview shows how the YUV color 94.3580, -3.1345, -21.3620 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 94.3580, -3.1345, -21.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

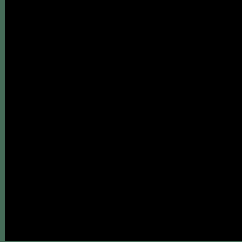
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.3580, -3.1345, -21.3620

Background



This preview shows how black text looks on a background with the YUV color 94.3580, -3.1345, -21.3620.



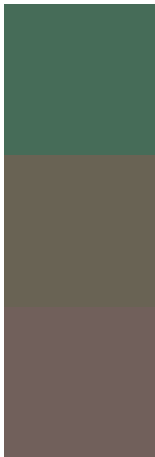
This preview shows how white text looks on a background with the YUV color 94.3580, -3.1345,

-21.3620.

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

94.3580, -3.1345, -21.3620

Protanopia

99.0840, -7.4364, 5.1883

Deuteranopia

100.5130, -4.6899, 10.9511



Tritanopia

96.9420, 7.9166, -19.2431

Trichromacy



Original Color

94.3580, -3.1345, -21.3620

Protanomaly

97.0720, -5.9515, -4.4481

Deuteranomaly

97.9630, -3.9258, -0.8446

Tritanomaly

95.9050, 3.9908, -20.0877

Monochromacy



Original Color

94.3580, -3.1345, -21.3620

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3580, -3.1345, -21.3620 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, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(70, 108, 88)  
}
```

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, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 108, 88) }
```

Border

The CSS property to change the border of an element to YUV 94.3580, -3.1345, -21.3620 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, 108, 88) }
```


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

```
.border{ border-color:rgb(70, 108, 88) }
```

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

Here you see how a box with a 4 pixel rgb(70, 108, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(70, 108,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 94.3580, -3.1345, -21.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 108, 88) }
```

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

```
.background{ background-color: rgb(70, 108,  
88) }
```

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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