

Converting Colors

YUV(94.2350, -9.9759, -20.3771)

Have a look what the booklet for
YUV(94.2350, -9.9759, -20.3771)
contains.

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Color

**YUV(94.2350, -9.9759,
-20.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	476E4A
RGB	71, 110, 74
RGB Percent	28%, 43%, 29%
CMY	0.7216, 0.5686, 0.7098
CMYK	0.35, 0.00, 0.33, 0.57
HSL	125°, 22%, 35%
HSV	125°, 35%, 43%
XYZ	9.4105, 12.9859, 8.4891
YIQ	94.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

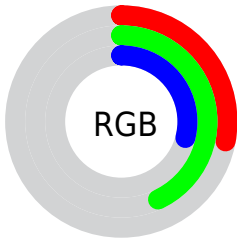
Format	Color
R_{YB}	71, 107, 110
Decimal	4681290
CIE _{Lab}	42.74, -21.89, 15.84
CIE _{LCh}	43, 27.017, 144.109
Yxy	12.9859, 0.3047, 0.4205
Android (android.graphics.Color)	4282871370 (0xFF476E4A)
YUV	94.2350, -9.9759, -20.3771
Hunter-Lab	36.0359, -16.4490, 11.2580

Details

The YUV color **94.2350, -9.9759, -20.3771** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **86.7650, 9.9759, 20.3771**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2950, -10.9914, -21.3067**, and **46.9900, -8.3761, -20.1622** is the 20% darker color. If you saturate the color by 10%, you get **89.8060, -12.7224, -26.1399**, and if you desaturate by 10%, it is **98.6640, -7.2294, -14.6143**.

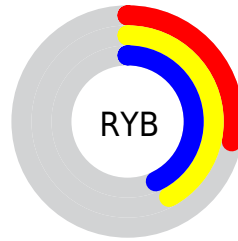
Distribution



 Red (28%)

 Green (43%)

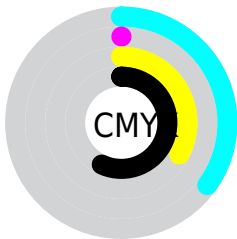
 Blue (29%)



 Red (28%)

 Yellow (42%)

 Blue (43%)

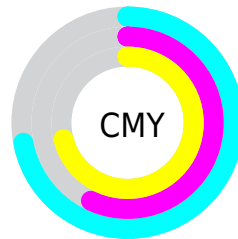


 Cyan (35%)


 Magenta (0%)

 Yellow (33%)

 Black (57%)



 Cyan (72%)

 Magenta (57%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2350, -9.9759, -20.3771 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 94.2350, -9.9759, -20.3771 by changing the saturation by 10% instead.

■ 94.2350, -9.9759,
-20.3771

■ 94.2350, -9.9759,
-20.3771

255.0000, 0.0000,
0.0000

■ 69.7620, -9.2497,
-19.9623

■ 145.2950,
-10.9914, -21.3067

■ 46.9900, -8.3761,
-20.1622

■ 171.8820,
-11.2808, -21.8215

■ 24.7620, -9.2497,
-19.9623

■ 199.4690,
-11.5702, -22.3363

■ 9.9790, -4.9196,
-8.7516

■ 227.3550,
-12.0070, -22.2363

■ 0.0000, 0.0000,
0.0000

■ 244.7890, -6.7980,
-12.9700

■ 94.2350, -9.9759,
-20.3771

■ 94.2350, -9.9759,
-20.3771

■ 89.8060, -12.7224,
-26.1399

■ 98.6640, -7.2294,
-14.6143

■ 85.3770, -15.4689,
-31.9026

■ 103.0930, -4.4828,
-8.8516

■ 80.9480, -18.2154,
-37.6654

■ 107.5220, -1.7363,
-3.0888

■ 76.4050, -21.3987,
-43.3282

■ 112.0650, 1.4470,
2.5740

■ 71.9760, -24.1452,
-49.0910

■ 116.4940, 4.1935,
8.3368

■ 67.5470, -26.8917,
-54.8537

■ 120.9230, 6.9400,
14.0995

■ 65.4820, -28.3386,
-57.4277

■ 125.3520, 9.6865,
19.8623

■ 129.7810, 12.4330,

25.6251

■ 134.2100, 15.1795,
31.3878

Harmonies

Analogous

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



97.3640, -18.9135, -0.3192



94.2350, -9.9759, -20.3771



89.2350, 3.3351, -43.1791

Triad

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



94.2350, -9.9759, -20.3771



95.5180, 24.3946, -31.1493



101.9400, -8.8444, 36.8866

Complementary

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



94.2350, -9.9759, -20.3771



86.7650, 9.9759, 20.3771

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.



103.5510, 1.2074, 32.8428



94.2350, -9.9759, -20.3771



102.1300, 19.6559, -4.4990

Square

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



94.2350, -9.9759, -20.3771



83.0640, 26.0974, -64.0771



104.0960, 11.2917, 18.3328



101.0180, -17.2639, 30.6792

Rectangle

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



94.2350, -9.9759, -20.3771



82.2740, 14.1619, -62.5073



104.0960, 11.2917, 18.3328



102.7380, -5.7868, 36.1868

Sweetspot

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



94.2350, -9.9759, -20.3771



136.5060, -4.1935, -8.3368



104.6570, -16.5929, 2.0548



67.3970, -2.1677, -4.7332



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.



94.2350, -9.9759, -20.3771



117.9640, -15.7583, -32.4174



96.4010, -1.6767, -22.2767



53.6360, -1.2995, -3.1888



71.4660, -30.7957, -62.6757



147.1550, -63.1804, -129.0549

Inverse Universe

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



86.7650, 9.9759, 20.3771



106.0360, 15.7583, 32.4174



84.5990, 1.6767, 22.2767



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



99.8450, 63.1804, 129.0549

Previews

White Background



This preview shows how the YUV color 94.2350, -9.9759, -20.3771 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 94.2350, -9.9759, -20.3771 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 94.2350, -9.9759, -20.3771

Background



This preview shows how black text looks on a background with the YUV color 94.2350, -9.9759, -20.3771.



This preview shows how white text looks on a background with the YUV color 94.2350, -9.9759, -20.3771.

-20.3771.

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

94.2350, -9.9759, -20.3771

Protanopia

99.2710, -14.4306, 8.5323

Deuteranopia

100.4120, -11.5421, 15.4247



Tritanopia

98.1380, 7.3270, -16.7840

Trichromacy



Original Color

94.2350, -9.9759, -20.3771

Protanomaly

97.5470, -13.0877, -2.2337

Deuteranomaly

98.1500, -10.9199, 2.4995

Tritanomaly

96.8190, 1.0752, -18.2583

Monochromacy



Original Color

94.2350, -9.9759, -20.3771

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.3320, -3.6147, -7.3072

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2350, -9.9759, -20.3771 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(71, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(71, 110, 74)  
}
```

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(71, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 110, 74) }
```

Border

The CSS property to change the border of an element to YUV 94.2350, -9.9759, -20.3771 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(71, 110, 74) }
```


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

```
.border{ border-color:rgb(71, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(71, 110,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 94.2350, -9.9759, -20.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 110, 74) }
```

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

```
.background{ background-color: rgb(71, 110,  
74) }
```

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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