

Converting Colors

YUV(94.3070, 14.6386, 18.1478)

Have a look what the booklet for
YUV(94.3070, 14.6386, 18.1478)
contains.

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Color

**YUV(94.3070, 14.6386,
18.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	734E7C
RGB	115, 78, 124
RGB Percent	45%, 31%, 49%
CMY	0.5490, 0.6941, 0.5137
CMYK	0.07, 0.37, 0.00, 0.51
HSL	288°, 23%, 40%
HSV	288°, 37%, 49%
XYZ	13.4327, 10.5489, 20.3969
YIQ	94.3070, 7.2860, 22.1500

Conversions

Conversions Part 2

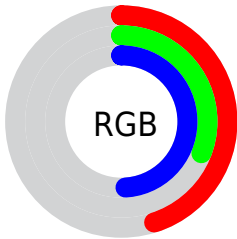
Format	Color
R_{YB}	115, 78, 124
Decimal	7556732
CIE _{Lab}	38.81, 24.19, -19.94
CIE _{LCh}	39, 31.349, 320.509
Yxy	10.5489, 0.3027, 0.2377
Android (android.graphics.Color)	4285746812 (0xFF734E7C)
YUV	94.3070, 14.6386, 18.1478
Hunter-Lab	32.4790, 16.9860, -14.4990

Details

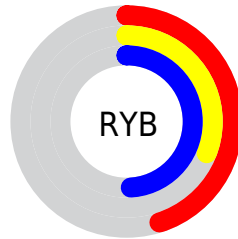
The YUV color **94.3070, 14.6386, 18.1478** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.6930, -14.6386, -18.1478**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5460, 15.5068, 19.6922**, and **47.0680, 13.7705, 16.6034** is the 20% darker color. If you saturate the color by 10%, you get **86.6650, 18.4062, 23.0958**, and if you desaturate by 10%, it is **101.9490, 10.8711, 13.1997**.

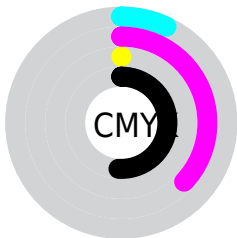
Distribution



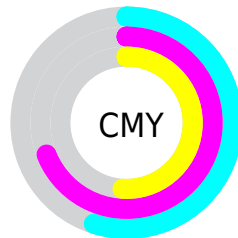
- Red (45%)
- Green (31%)
- Blue (49%)



- Red (45%)
- Yellow (31%)
- Blue (49%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3070, 14.6386, 18.1478 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 94.3070, 14.6386, 18.1478 by changing the saturation by 10% instead.

■ 94.3070, 14.6386,
18.1478

■ 94.3070, 14.6386,
18.1478

■ 255.0000, 0.0000,
0.0000

■ 70.4810, 14.0599,
17.1182

■ 145.5460, 15.5068,
19.6922

■ 47.0680, 13.7705,
16.6034

■ 171.9590, 15.7962,
20.2070

■ 24.6550, 13.4811,
16.0886

■ 199.3720, 16.0856,
20.7218

■ 10.4110, 10.1504,
11.0406

■ 227.1010, 13.7542,
21.8364

■ 0.2280, 0.8736,
-0.2000

■ 244.4340, 5.2090,
9.2664

■ 0.0000, 0.0000,
0.0000

94.3070, 14.6386,
18.1478

94.3070, 14.6386,
18.1478

86.6650, 18.4062,
23.0958

101.9490, 10.8711,
13.1997

78.1370, 22.6105,
27.9439

110.4770, 6.6668,
8.3517

70.4950, 26.3780,
32.8919

118.1190, 2.8993,
3.4036

61.9670, 30.5823,
37.7399

126.6470, -1.3050,
-1.4444

54.3250, 34.3498,
42.6880

134.2890, -5.0725,
-6.3925

46.3840, 38.2647,
47.0212


142.2300, -8.9874,
-10.7257

44.0360, 39.4223,
49.0804

150.4590,
-13.0443, -16.1885

158.1010,

-16.8118, -21.1366

 166.6290,
-21.0161, -25.9846

Harmonies

Analogous

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



91.7210, 23.3085, -9.4023



94.3070, 14.6386, 18.1478



93.5560, 3.6699, 36.3464

Triad

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



94.3070, 14.6386, 18.1478



89.7150, -24.5095, 21.2979



73.3600, 17.0775, -64.3367

Complementary

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



94.3070, 14.6386, 18.1478



107.6930, -14.6386, -18.1478

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.



73.0870, 4.3941, -56.2043



94.3070, 14.6386, 18.1478



87.1640, -22.2659, 1.6102

Square

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



94.3070, 14.6386, 18.1478



90.9970, -18.7325, 35.0826



83.8390, -12.7386, -20.9068



74.6940, 27.2659, -65.5066

Rectangle

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



94.3070, 14.6386, 18.1478



92.1130, -4.4927, 41.1199



83.8390, -12.7386, -20.9068



72.4480, 13.5831, -63.5369

Sweetspot

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



94.3070, 14.6386, 18.1478



149.2380, 5.7987, 6.8073



88.5270, 17.4882, -9.2322



74.9450, 3.4781, 4.4332



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



94.3070, 14.6386, 18.1478



113.9630, 23.1892, 28.9734



95.4020, 7.1968, 25.0804



57.1790, 1.8838, 2.4740



44.4490, 39.7116, 49.5952



89.4250, 80.1495, 99.6053

Inverse Universe

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



92.7800, -2.8495, 27.3799



111.5370, -4.2087, 43.3791



106.5980, -7.1968, -25.0804



56.9080, -0.4476, 3.5887



40.1110, -7.9427, 74.4477



80.9340, -15.7435, 150.0249

Previews

White Background



This preview shows how the YUV color 94.3070, 14.6386, 18.1478 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 94.3070, 14.6386, 18.1478 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 94.3070, 14.6386, 18.1478

Background



This preview shows how black text looks on a background with the YUV color 94.3070, 14.6386, 18.1478.



This preview shows how white text looks on a background with the YUV color 94.3070, 14.6386,

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

94.3070, 14.6386, 18.1478

Protanopia

91.1290, 21.1354, -12.3911

Deuteranopia

91.8540, 14.8620, -6.8880



Tritanopia

93.1590, -1.0644, 14.7696

Trichromacy



Original Color

94.3070, 14.6386, 18.1478

Protanomaly

92.5110, 18.4821, -1.3251

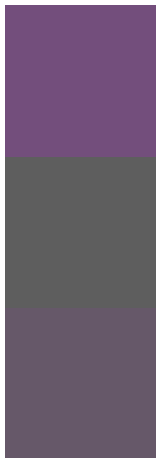
Deuteranomaly

92.9090, 14.8349, 1.8338

Tritanomaly

93.3640, 4.7505, 16.3438

Monochromacy



Original Color

94.3070, 14.6386, 18.1478

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3070, 14.6386, 18.1478 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(115, 78, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 78, 124)  
}
```

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(115, 78, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 78, 124) }
```

Border

The CSS property to change the border of an element to YUV 94.3070, 14.6386, 18.1478 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(115, 78, 124) }
```


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

```
.border{ border-color:rgb(115, 78, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 78, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 78, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 78, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 78,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 94.3070, 14.6386, 18.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 78, 124) }
```

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

```
.background{ background-color: rgb(115, 78,  
124) }
```

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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