

Converting Colors

YUV(94.1370, 19.1595, 14.7889)

Have a look what the booklet for
YUV(94.1370, 19.1595, 14.7889)
contains.

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Color

**YUV(94.1370, 19.1595,
14.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4E85
RGB	111, 78, 133
RGB Percent	44%, 31%, 52%
CMY	0.5647, 0.6941, 0.4784
CMYK	0.17, 0.41, 0.00, 0.48
HSL	276°, 26%, 41%
HSV	276°, 41%, 52%
XYZ	13.5136, 10.5217, 23.5090
YIQ	94.1370, 2.0130, 24.1010

Conversions

Conversions Part 2

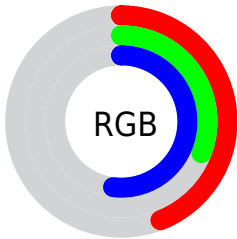
Format	Color
R_{YB}	111, 78, 133
Decimal	7294597
CIE _{Lab}	38.76, 24.92, -25.56
CIE _{LCh}	39, 35.698, 314.265
Yxy	10.5217, 0.2842, 0.2213
Android (android.graphics.Color)	4285484677 (0xFF6F4E85)
YUV	94.1370, 19.1595, 14.7889
Hunter-Lab	32.4372, 17.5992, -20.2645




Details

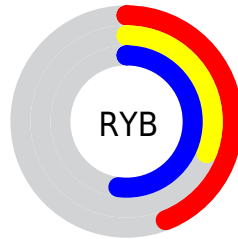
The YUV color **94.1370, 19.1595, 14.7889** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **116.8630, -19.1595, -14.7889**, and the grayscale version is **94.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **145.3760, 20.0276, 16.3332**, and **46.7840, 17.8545, 13.3444** is the 20% darker color. If you saturate the color by 10%, you get **85.0110, 23.6586, 18.4074**, and if you desaturate by 10%, it is **103.2630, 14.6603, 11.1703**.

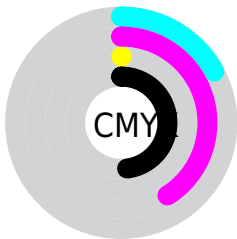
Distribution







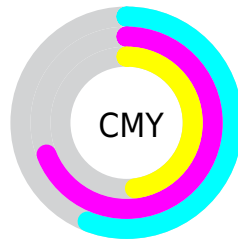
-  Red (44%)
-  Green (31%)
-  Blue (52%)






-  Red (44%)
-  Yellow (31%)
-  Blue (52%)



-  Cyan (17%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (56%)
-  Magenta (69%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1370, 19.1595, 14.7889 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 94.1370, 19.1595, 14.7889 by changing the saturation by 10% instead.

■ 94.1370, 19.1595,
14.7889

■ 94.1370, 19.1595,
14.7889

■ 255.0000, 0.0000,
0.0000

■ 70.3110, 18.5807,
13.7593

■ 145.3760, 20.0276,
16.3332

■ 46.7840, 17.8545,
13.3444

■ 171.9030, 20.7538,
16.7481

■ 24.6590, 17.4231,
11.7001

■ 199.4300, 21.4800,
17.1629

■ 10.0130, 13.7976,
7.8816

■ 225.9050, 14.3438,
19.3773

■ 2.1830, 5.8258,
-1.9145

■ 244.4340, 5.2090,
9.2664

■ 0.0000, 0.0000,
0.0000

94.1370, 19.1595,
14.7889

94.1370, 19.1595,
14.7889

85.0110, 23.6586,
18.4074

103.2630, 14.6603,
11.1703

74.9990, 28.5945,
21.9259

113.2750, 9.7244,
7.6518

65.8730, 33.0936,
25.5444

122.4010, 5.2253,
4.0333

56.7470, 37.5927,
29.1629

131.5270, 0.7262,
0.4148

46.7350, 42.5286,
32.6814

141.5390, -4.2097,
-3.1037


39.0820, 46.3016,
35.8851

150.6650, -8.7088,
-6.7222

159.7910,
-13.2080, -10.3407

169.2160,

-17.8545, -13.3444

 178.9290,
-22.6430, -17.4777

Harmonies

Analogous

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



89.3220, 28.4353, -20.4534



94.1370, 19.1595, 14.7889



93.1910, 7.3008, 38.4205

Triad

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



94.1370, 19.1595, 14.7889



89.0640, -27.1466, 27.1309



74.1920, 15.1883, -65.0664

Complementary

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



94.1370, 19.1595, 14.7889



116.8630, -19.1595, -14.7889

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.



70.1850, 2.3738, -61.5522



94.1370, 19.1595, 14.7889



86.9320, -27.0815, 6.1986

Square

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



94.1370, 19.1595, 14.7889



90.3400, -18.9016, 42.6748



83.2970, -17.4014, -18.6775



75.9820, 27.1239, -66.6362

Rectangle

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



94.1370, 19.1595, 14.7889



91.8300, -1.8882, 45.7531



83.2970, -17.4014, -18.6775



73.0520, 10.8204, -64.0666

Sweetspot

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



94.1370, 19.1595, 14.7889



158.8680, 6.9671, 5.3778



97.1840, 17.6573, -16.8244



78.4610, 4.2097, 3.1037



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.1370, 19.1595, 14.7889



112.3520, 29.8995, 23.3703



100.1450, 13.7325, 28.8138



61.8800, 2.0312, 1.8592



38.1420, 45.2860, 34.9555



0.9400, 1.0156, 0.9296

Inverse Universe

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



96.9530, 1.5022, 31.6132



116.5900, 2.1741, 49.4716



110.9690, -13.2957, -28.9138



62.0220, -0.0108, 3.4887



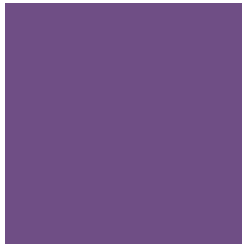
44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.1370, 19.1595, 14.7889 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 94.1370, 19.1595, 14.7889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

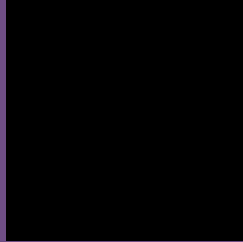
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1370, 19.1595, 14.7889

Background



This preview shows how black text looks on a background with the YUV color 94.1370, 19.1595, 14.7889.



This preview shows how white text looks on a background with the YUV color 94.1370, 19.1595,

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

94.1370, 19.1595, 14.7889

Protanopia

90.6600, 25.8036, -16.3648

Deuteranopia

91.2600, 19.0988, -12.5060



Tritanopia

93.0660, -0.0325, 10.4661

Trichromacy



Original Color

94.1370, 19.1595, 14.7889

Protanomaly

92.0420, 23.1503, -5.2988

Deuteranomaly

92.0270, 19.2137, -2.6547

Tritanomaly

93.6130, 7.0928, 11.7404

Monochromacy



Original Color

94.1370, 19.1595, 14.7889

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8680, 6.9671, 5.3778

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1370, 19.1595, 14.7889 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(111, 78, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 78, 133)  
}
```

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(111, 78, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 78, 133) }
```

Border

The CSS property to change the border of an element to YUV 94.1370, 19.1595, 14.7889 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(111, 78, 133) }
```


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

```
.border{ border-color:rgb(111, 78, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 78, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 78, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 78, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 78,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 94.1370, 19.1595, 14.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 78, 133) }
```

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

```
.background{ background-color: rgb(111, 78,  
133) }
```

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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