

Converting Colors

YUV(94.4030, 19.0283, 10.1706)

Have a look what the booklet for
YUV(94.4030, 19.0283, 10.1706)
contains.

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Color

**YUV(94.4030, 19.0283,
10.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5185
RGB	106, 81, 133
RGB Percent	42%, 32%, 52%
CMY	0.5843, 0.6824, 0.4784
CMYK	0.20, 0.39, 0.00, 0.48
HSL	269°, 24%, 42%
HSV	269°, 39%, 52%
XYZ	13.1199, 10.6425, 23.5530
YIQ	94.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

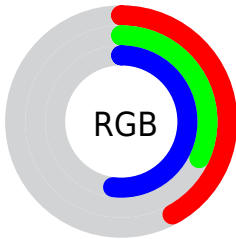
Format	Color
R _Y B	106, 81, 133
Decimal	6967685
CIE Lab	38.97, 21.46, -25.28
CIE LCh	39, 33.159, 310.326
Yxy	10.6425, 0.2773, 0.2249
Android (android.graphics.Color)	4285157765 (0xFF6A5185)
YUV	94.4030, 19.0283, 10.1706
Hunter-Lab	32.6228, 14.6974, -19.9702

Details

The YUV color **94.4030, 19.0283, 10.1706** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **119.5970, -19.0283, -10.1706**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3430, 20.0439, 11.1002**, and **47.6370, 17.4340, 8.2114** is the 20% darker color. If you saturate the color by 10%, you get **84.6790, 23.8223, 12.5595**, and if you desaturate by 10%, it is **104.1270, 14.2344, 7.7816**.

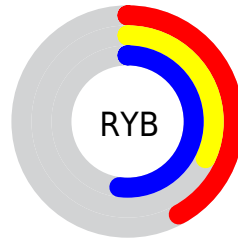
Distribution



Red (42%)

Green (32%)

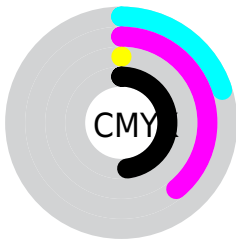
Blue (52%)



Red (42%)

Yellow (32%)

Blue (52%)

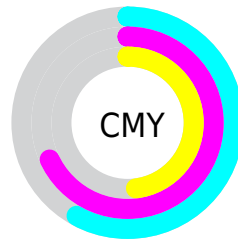


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (48%)



Cyan (58%)

Magenta (68%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4030, 19.0283, 10.1706 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 94.4030, 19.0283, 10.1706 by changing the saturation by 10% instead.

94.4030, 19.0283,
10.1706

94.4030, 19.0283,
10.1706

255.0000, 0.0000,
0.0000

70.5770, 18.4495,
9.1410

145.3430, 20.0439,
11.1002

47.6370, 17.4340,
8.2114

171.8700, 20.7701,
11.5150

25.8110, 16.8552,
7.1818

199.3970, 21.4963,
11.9298

8.5180, 14.5346,
4.8077

225.8720, 14.3601,
14.1443

2.2970, 6.2626,
-2.0145

246.1950, 4.3409,
7.7220

0.0000, 0.0000,
0.0000

■ 94.4030, 19.0283,
10.1706

■ 94.4030, 19.0283,
10.1706

■ 84.6790, 23.8223,
12.5595

■ 104.1270, 14.2344,
7.7816

■ 74.3680, 28.9056,
15.4633

■ 114.4380, 9.1511,
4.8779

■ 64.6440, 33.6995,
17.8522

■ 124.1620, 4.3571,
2.4889

■ 54.9200, 38.4934,
20.2412

■ 133.8860, -0.4368,
0.1000

■ 45.1960, 43.2874,
22.6301

■ 144.1970, -5.5201,
-2.8038

■ 35.1840, 48.2233,
26.1486


■ 153.6220,
-10.1666, -5.8075

■ 34.2980, 48.6601,
26.0487

■ 163.3460,
-14.9606, -8.1964

■ 173.0700,

-19.7545, -10.5854

 183.3810,
-24.8378, -13.4891

Harmonies

Analogous

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



88.7840, 27.7145, -22.6126



94.4030, 19.0283, 10.1706



94.3860, 8.1907, 32.9875

Triad

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



94.4030, 19.0283, 10.1706



90.3460, -24.8206, 27.7606



73.1490, 13.7305, -64.1517

Complementary

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



94.4030, 19.0283, 10.1706



119.5970, -19.0283, -10.1706

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.



77.4430, -2.1904, -44.2385



94.4030, 19.0283, 10.1706



88.2960, -25.7819, 9.3874

Square

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



94.4030, 19.0283, 10.1706



91.3120, -16.4228, 40.9454



84.9170, -17.7071, -13.9592



75.4120, 24.9399, -66.1363

Rectangle

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



94.4030, 19.0283, 10.1706



93.2640, -0.1302, 41.8645



84.9170, -17.7071, -13.9592



72.0090, 9.3626, -63.1519

Sweetspot

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



94.4030, 19.0283, 10.1706



158.2700, 7.2619, 4.1482



103.3640, 14.6105, -19.6132



77.8630, 4.5045, 1.8741



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.



94.4030, 19.0283, 10.1706



112.8950, 29.6318, 15.8781



101.8780, 15.3431, 25.5400



61.5810, 2.1786, 1.2445



33.6570, 47.4971, 25.7338



0.6410, 1.1630, 0.3148

Inverse Universe

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



99.6260, 4.1284, 29.2690



121.0070, 6.4055, 45.5979



112.1220, -15.3431, -25.5400



62.1360, 0.4260, 3.3887



46.6220, 10.5394, 73.1225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.4030, 19.0283, 10.1706 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 94.4030, 19.0283, 10.1706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

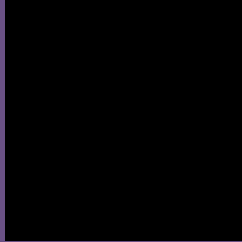
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.4030, 19.0283, 10.1706

Background



This preview shows how black text looks on a background with the YUV color 94.4030, 19.0283, 10.1706.



This preview shows how white text looks on a background with the YUV color 94.4030, 19.0283,

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

94.4030, 19.0283, 10.1706

Protanopia

91.0300, 24.6352, -14.9353

Deuteranopia

91.3740, 19.5356, -12.6060



Tritanopia

93.0870, 1.4361, 6.0627

Trichromacy



Original Color

94.4030, 19.0283, 10.1706

Protanomaly

92.5150, 22.4241, -5.7137

Deuteranomaly

92.4290, 19.5085, -3.8842

Tritanomaly

93.4060, 7.6878, 7.5369

Monochromacy



Original Color

94.4030, 19.0283, 10.1706

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8570, 6.9725, 3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4030, 19.0283, 10.1706 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(106, 81, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 81, 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(106, 81, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 81, 133) }
```

Border

The CSS property to change the border of an element to YUV 94.4030, 19.0283, 10.1706 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(106, 81, 133) }
```


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

```
.border{ border-color:rgb(106, 81, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 81, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 81, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 81, 133);  
box-shadow:4px 4px 4px 4px rgb(106, 81,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 94.4030, 19.0283, 10.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 81, 133) }
```

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

```
.background{ background-color: rgb(106, 81,  
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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