

Converting Colors

YUV(103.1630, 19.6396, 0.7340)

Have a look what the booklet for
YUV(103.1630, 19.6396, 0.7340)
contains.

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Color

**YUV(103.1630, 19.6396,
0.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	685F8F
RGB	104, 95, 143
RGB Percent	41%, 37%, 56%
CMY	0.5922, 0.6275, 0.4392
CMYK	0.27, 0.34, 0.00, 0.44
HSL	251°, 20%, 47%
HSV	251°, 34%, 56%
XYZ	14.7591, 13.1106, 27.7393
YIQ	103.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

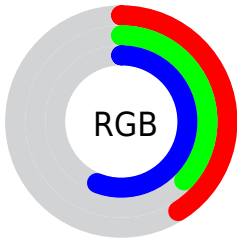
Format	Color
R_{YB}	104, 95, 143
Decimal	6840207
CIE _{Lab}	42.93, 14.74, -25.18
CIE _{LCh}	43, 29.181, 300.340
Yxy	13.1106, 0.2654, 0.2358
Android (android.graphics.Color)	4285030287 (0xFF685F8F)
YUV	103.1630, 19.6396, 0.7340
Hunter-Lab	36.2086, 9.3936, -20.0759

Details

The YUV color **103.1630, 19.6396, 0.7340** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.8370, -19.6396, -0.7340**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2170, 21.0920, 1.5637**, and **55.6960, 17.8979, -0.6104** is the 20% darker color. If you saturate the color by 10%, you get **91.3570, 25.4600, 0.5639**, and if you desaturate by 10%, it is **114.9690, 13.8193, 0.9042**.

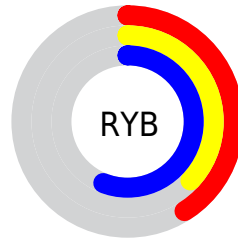
Distribution



Red (41%)

Green (37%)

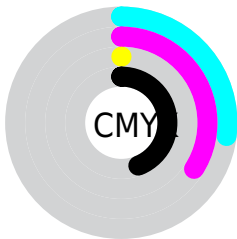
Blue (56%)



Red (41%)

Yellow (37%)

Blue (56%)

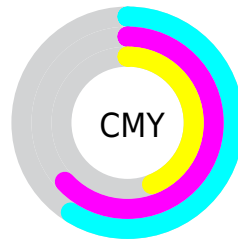


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1630, 19.6396, 0.7340 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 103.1630, 19.6396, 0.7340 by changing the saturation by 10% instead.

■ 103.1630, 19.6396,
0.7340

■ 103.1630, 19.6396,
0.7340

■ 255.0000, 0.0000,
0.0000

■ 78.6360, 18.9135,
0.3192

■ 154.2170, 21.0920,
1.5637

■ 55.6960, 17.8979,
-0.6104

■ 181.3310, 21.5288,
1.4637

■ 33.8700, 17.3191,
-1.6400

■ 208.8580, 22.2550,
1.8785

■ 10.0060, 17.7450,
1.7487

■ 234.0790, 10.3141,
5.1927

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 103.1630, 19.6396,
0.7340

■ 103.1630, 19.6396,
0.7340

■ 91.3570, 25.4600,
0.5639

■ 114.9690, 13.8193,
0.9042

■ 79.2630, 31.4223,
1.5233

■ 127.0630, 7.8569,
-0.0553

■ 67.4570, 37.2427,
1.3532

■ 138.8690, 2.0366,
0.1149

■ 55.9500, 42.9157,
1.7979

■ 150.3760, -3.6364,
-0.3298

■ 43.5570, 49.0254,
2.1425

■ 162.7690, -9.7461,
-0.6744

■ 31.7510, 54.8458,
1.9724


■ 174.5750,
-15.5665, -0.5043

■ 24.3750, 58.4821,
2.3021

■ 186.0820,
-21.2394, -0.9489

■ 197.8880,

-27.0598, -0.7788

 210.2810,
-33.1695, -1.1234

Harmonies

Analogous

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



97.1700, 25.5522, -29.0901



103.1630, 19.6396, 0.7340



104.3140, 10.6912, 24.2806

Triad

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



103.1630, 19.6396, 0.7340



101.5080, -20.4634, 30.2495



84.4120, 8.1779, -56.4893

Complementary

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



103.1630, 19.6396, 0.7340



134.8370, -19.6396, -0.7340

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.



93.0600, -7.9176, -27.2396



103.1630, 19.6396, 0.7340



99.3120, -23.3248, 14.6354

Square

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



103.1630, 19.6396, 0.7340



102.1530, -11.9074, 39.3308



96.7440, -18.6078, -5.0375



80.5810, 21.8986, -70.6695

Rectangle

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



103.1630, 19.6396, 0.7340



104.0180, 2.9491, 34.1872



96.7440, -18.6078, -5.0375



88.4690, 1.7408, -45.1383

Sweetspot

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



103.1630, 19.6396, 0.7340



170.9490, 7.4201, 0.0447



123.3650, 9.6801, -24.8761



84.8520, 4.5100, 0.1298



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



103.1630, 19.6396, 0.7340



124.6220, 30.2594, 1.2085



110.3390, 16.1019, 15.4887



65.3960, 2.7628, 0.5297



22.8650, 55.2826, 1.8724



1.2110, 3.3470, -0.1850

Inverse Universe

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



113.7980, 9.9596, 25.6102



140.9660, 15.2998, 39.4948



127.6610, -16.1019, -15.4887



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 103.1630, 19.6396, 0.7340 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 103.1630, 19.6396, 0.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

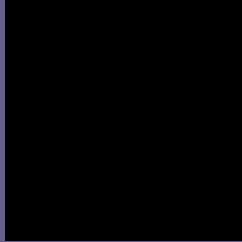
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1630, 19.6396, 0.7340

Background



This preview shows how black text looks on a background with the YUV color 103.1630, 19.6396, 0.7340.

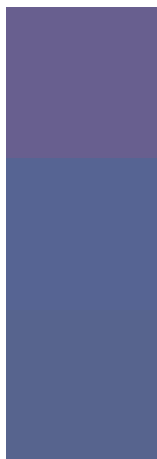


This preview shows how white text looks on a background with the YUV color 103.1630, 19.6396,

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

103.1630, 19.6396, 0.7340

Protanopia

101.1720, 22.5932, -13.3058

Deuteranopia

100.9010, 20.2618, -12.1912



Tritanopia

101.4170, 4.2314, -3.8737

Trichromacy



Original Color

103.1630, 19.6396, 0.7340

Protanomaly

101.9770, 21.7033, -7.8728

Deuteranomaly

101.5210, 19.9561, -7.4729

Tritanomaly

101.9210, 9.8989, -1.6847

Monochromacy



Original Color

103.1630, 19.6396, 0.7340

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1630, 19.6396, 0.7340 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(104, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(104, 95, 143)  
}
```

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(104, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 95, 143) }
```

Border

The CSS property to change the border of an element to YUV 103.1630, 19.6396, 0.7340 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(104, 95, 143) }
```


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

```
.border{ border-color:rgb(104, 95, 143) }
```

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

Here you see how a box with a 4 pixel rgb(104, 95, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 95, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 95, 143);  
box-shadow:4px 4px 4px 4px rgb(104, 95,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 103.1630, 19.6396, 0.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 95, 143) }
```

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

```
.background{ background-color: rgb(104, 95,  
143) }
```

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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