

Converting Colors

YUV(106.6080, 21.3923,
-1.4102)

Have a look what the booklet for
YUV(106.6080, 21.3923, -1.4102)
contains.

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Color

**YUV(106.6080, 21.3923,
-1.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	696396
RGB	105, 99, 150
RGB Percent	41%, 39%, 59%
CMY	0.5882, 0.6118, 0.4118
CMYK	0.30, 0.34, 0.00, 0.41
HSL	247°, 20%, 49%
HSV	247°, 34%, 59%
XYZ	15.7926, 14.1289, 30.7490
YIQ	106.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

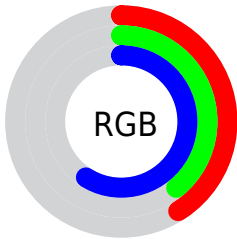
Format	Color
R_{YB}	105, 99, 150
Decimal	6906774
CIE _{Lab}	44.42, 14.46, -27.05
CIE _{LCh}	44, 30.671, 298.128
Yxy	14.1289, 0.2603, 0.2329
Android (android.graphics.Color)	4285096854 (0xFF696396)
YUV	106.6080, 21.3923, -1.4102
Hunter-Lab	37.5885, 9.2158, -22.1898

Details

The YUV color **106.6080, 21.3923, -1.4102** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.3920, -21.3923, 1.4102**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2490, 22.5552, -1.0954**, and **59.1410, 19.6505, -2.7547** is the 20% darker color. If you saturate the color by 10%, you get **93.9160, 27.6494, -1.6803**, and if you desaturate by 10%, it is **119.3000, 15.1351, -1.1401**.

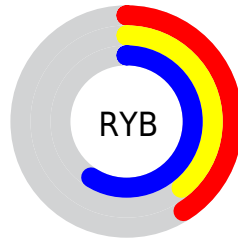
Distribution



Red (41%)

Green (39%)

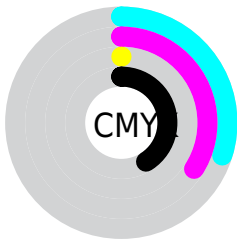
Blue (59%)



Red (41%)

Yellow (39%)

Blue (59%)

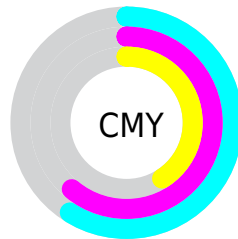


Cyan (30%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (59%)

Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6080, 21.3923, -1.4102 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 106.6080, 21.3923, -1.4102 by changing the saturation by 10% instead.

■ 106.6080, 21.3923,
-1.4102

■ 106.6080, 21.3923,
-1.4102

■ 255.0000, 0.0000,
0.0000

■ 82.0810, 20.6661,
-1.8250

■ 158.2490, 22.5552,
-1.0954

■ 59.1410, 19.6505,
-2.7547

■ 185.1890, 23.5708,
-0.1658

■ 36.3150, 19.0717,
-3.7843

■ 212.5050, 20.9500,
0.4341

■ 13.9020, 18.7823,
-4.2991

■ 237.3130, 8.7197,
3.2335

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 106.6080, 21.3923,
-1.4102

■ 106.6080, 21.3923,
-1.4102

■ 93.9160, 27.6494,
-1.6803

■ 119.3000, 15.1351,
-1.1401

■ 81.2240, 33.9066,
-1.9504

■ 131.9920, 8.8779,
-0.8700

■ 68.2330, 40.3111,
-2.8353

■ 144.9830, 2.4734,
0.0149

■ 55.5410, 46.5683,
-3.1055

■ 157.6750, -3.7838,
0.2850

■ 42.8490, 52.8254,
-3.3756

■ 170.3670,
-10.0409, 0.5551

■ 30.1570, 59.0826,
-3.6457


■ 183.0590,
-16.2981, 0.8253

■ 22.4820, 62.8664,
-3.9307

■ 196.0500,
-22.7026, 1.7102

■ 208.7420,

-28.9598, 1.9803

 221.4340,
-35.2170, 2.2504

Harmonies

Analogous

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



99.4190, 27.8944, -33.6935



106.6080, 21.3923, -1.4102



108.2430, 11.7122, 23.4659

Triad

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



106.6080, 21.3923, -1.4102



104.7040, -21.0531, 32.7086



86.9880, 7.8939, -58.7485

Complementary

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



106.6080, 21.3923, -1.4102



142.3920, -21.3923, 1.4102

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.



96.6040, -9.6648, -26.8397



106.6080, 21.3923, -1.4102



102.9810, -24.6406, 16.6797

Square

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



106.6080, 21.3923, -1.4102



105.5770, -11.6235, 41.5900



100.8860, -20.6498, -3.4080



83.8580, 21.7620, -73.5435

Rectangle

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



106.6080, 21.3923, -1.4102



107.9580, 3.9647, 35.1168



100.8860, -20.6498, -3.4080



91.6430, 1.1620, -46.1679

Sweetspot

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



106.6080, 21.3923, -1.4102



177.1770, 8.2937, -0.1552



131.2290, 9.2541, -28.2648



86.9660, 4.9468, 0.0298



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



106.6080, 21.3923, -1.4102



126.1100, 33.4698, -1.8505



114.0830, 17.7071, 13.9592



67.7980, 3.0576, -0.6998



20.5160, 57.9196, -3.9605



1.4390, 4.2206, -0.3850

Inverse Universe

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



119.3790, 12.1382, 26.8546



145.9000, 18.7833, 42.1837



134.9170, -17.7071, -13.9592



69.7770, 1.5889, 3.7036



55.1700, 32.9472, 72.6419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 106.6080, 21.3923, -1.4102 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 106.6080, 21.3923, -1.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

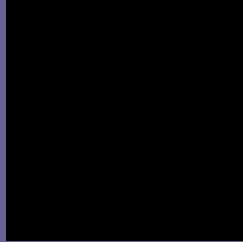
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6080, 21.3923, -1.4102

Background



This preview shows how black text looks on a background with the YUV color 106.6080, 21.3923, -1.4102.



This preview shows how white text looks on a background with the YUV color 106.6080, 21.3923, -1.4102.

-1.4102.

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

106.6080, 21.3923, -1.4102

Protanopia

104.3290, 24.4878, -14.3205

Deuteranopia

104.6450, 21.8670, -13.7207



Tritanopia

104.6340, 5.1104, -5.8180

Trichromacy



Original Color

106.6080, 21.3923, -1.4102

Protanomaly

105.4220, 23.4560, -10.0171

Deuteranomaly

105.2650, 21.5614, -9.0024

Tritanomaly

105.2520, 11.2148, -3.7290

Monochromacy



Original Color

106.6080, 21.3923, -1.4102

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6080, 21.3923, -1.4102 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(105, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(105, 99, 150)  
}
```

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(105, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 99, 150) }
```

Border

The CSS property to change the border of an element to YUV 106.6080, 21.3923, -1.4102 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(105, 99, 150) }
```


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

```
.border{ border-color:rgb(105, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 99, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 99, 150); box-shadow:4px 4px 4px 4px rgb(105, 99, 150) }
```

Background

The CSS property to change the background color of an element to YUV 106.6080, 21.3923, -1.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 99, 150) }
```

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

```
.background{ background-color: rgb(105, 99,  
150) }
```

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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