

Converting Colors

YUV(112.8530, 19.7925,
-1.6251)

Have a look what the booklet for
YUV(112.8530, 19.7925, -1.6251)
contains.

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Color

**YUV(112.8530, 19.7925,
-1.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A99
RGB	111, 106, 153
RGB Percent	44%, 42%, 60%
CMY	0.5647, 0.5843, 0.4000
CMYK	0.27, 0.31, 0.00, 0.40
HSL	246°, 19%, 51%
HSV	246°, 31%, 60%
XYZ	17.4593, 15.9875, 32.3027
YIQ	112.8530, -12.1070, 15.6770

Conversions

Conversions Part 2

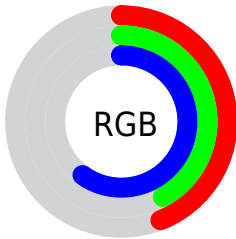
Format	Color
R_{YB}	111, 106, 153
Decimal	7301785
CIE _{Lab}	46.96, 12.86, -24.84
CIE _{LCh}	47, 27.971, 297.364
Yxy	15.9875, 0.2655, 0.2432
Android (android.graphics.Color)	4285491865 (0xFF6F6A99)
YUV	112.8530, 19.7925, -1.6251
Hunter-Lab	39.9844, 7.9702, -19.9103

Details

The YUV color **112.8530, 19.7925, -1.6251** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.1470, -19.7925, 1.6251**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9070, 21.2448, -0.7954**, and **64.7990, 18.3401, -2.4547** is the 20% darker color. If you saturate the color by 10%, you get **99.8620, 26.1970, -2.5100**, and if you desaturate by 10%, it is **125.8440, 13.3879, -0.7402**.

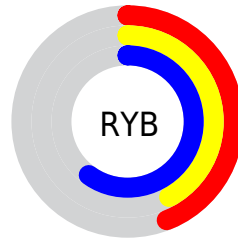
Distribution



Red (44%)

Green (42%)

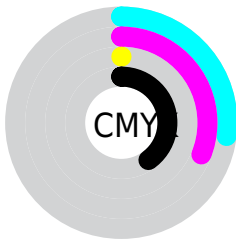
Blue (60%)



Red (44%)

Yellow (42%)

Blue (60%)

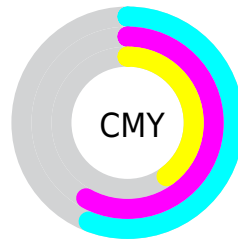


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8530, 19.7925, -1.6251 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 112.8530, 19.7925, -1.6251 by changing the saturation by 10% instead.

■ 112.8530, 19.7925,
-1.6251

■ 112.8530, 19.7925,
-1.6251

■ 255.0000, 0.0000,
0.0000

■ 88.3260, 19.0663,
-2.0399

■ 164.9070, 21.2448,
-0.7954

■ 64.7990, 18.3401,
-2.4547

■ 192.0210, 21.6816,
-0.8954

■ 41.9730, 17.7613,
-3.4843

■ 218.9950, 17.7505,
0.0044

■ 20.3210, 16.6037,
-5.5435

■ 244.1020, 5.3727,
3.4185

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 112.8530, 19.7925,
-1.6251

■ 112.8530, 19.7925,
-1.6251

■ 99.8620, 26.1970,
-2.5100

■ 125.8440, 13.3879,
-0.7402

■ 86.5830, 32.7436,
-2.2653

■ 139.1230, 6.8414,
-0.9849

■ 73.5920, 39.1481,
-3.1502

■ 152.1140, 0.4368,
-0.1000

■ 60.6010, 45.5527,
-4.0351

■ 165.1050, -5.9678,
0.7849

■ 47.9090, 51.8099,
-4.3052

■ 178.3840,
-12.5143, 0.5402

■ 34.3310, 58.5038,
-4.6753

■ 191.3750,
-18.9189, 1.4251

■ 22.2260, 64.4716,
-5.4602

■ 204.3660,
-25.3234, 2.3100

■ 217.0580,
-31.5806, 2.5801

■ 230.6360,
-38.2745, 2.9502

Harmonies

Analogous

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



106.7570, 25.2628, -29.6049



112.8530, 19.7925, -1.6251



114.7050, 10.9914, 21.3067

Triad

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



112.8530, 19.7925, -1.6251



111.4480, -19.4479, 31.1791



98.5550, 4.6564, -46.9677

Complementary

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



112.8530, 19.7925, -1.6251



146.1470, -19.7925, 1.6251

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.



103.7400, -9.2388, -23.4510



112.8530, 19.7925, -1.6251



109.8500, -22.6041, 16.7945

Square

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



112.8530, 19.7925, -1.6251



113.0820, -10.8864, 38.5161



107.3530, -18.9080, -2.0636



89.3420, 21.0304, -72.2139

Rectangle

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



112.8530, 19.7925, -1.6251



114.2350, 3.8281, 32.2429



107.3530, -18.9080, -2.0636



100.3450, -0.1701, -38.8906

Sweetspot

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



112.8530, 19.7925, -1.6251



183.6500, 7.5675, -0.5701



136.0120, 8.3751, -26.3205



90.4390, 4.2206, -0.3850



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



112.8530, 19.7925, -1.6251



135.8280, 31.1438, -2.4802



119.7300, 16.4021, 12.5148



70.2110, 3.3470, -0.1850



20.4450, 58.9406, -4.7753



1.7810, 5.5310, -0.6849

Inverse Universe

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



124.8410, 11.4174, 24.6954



154.6500, 17.9205, 38.8949



139.2700, -16.4021, -12.5148



72.1900, 1.8783, 4.2184



56.1100, 33.9628, 73.5715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 112.8530, 19.7925, -1.6251 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 112.8530, 19.7925, -1.6251 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 112.8530, 19.7925, -1.6251

Background



This preview shows how black text looks on a background with the YUV color 112.8530, 19.7925, -1.6251.



This preview shows how white text looks on a background with the YUV color 112.8530, 19.7925, -1.6251.

-1.6251.

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

112.8530, 19.7925, -1.6251

Protanopia

111.3570, 22.0090, -12.5911

Deuteranopia

111.4990, 19.9670, -10.9616



Tritanopia

110.9330, 4.9630, -5.2032

Trichromacy



Original Color

112.8530, 19.7925, -1.6251

Protanomaly

112.1510, 21.1246, -8.9024

Deuteranomaly

112.1080, 19.6668, -7.9877

Tritanomaly

111.7250, 10.4886, -4.1438

Monochromacy



Original Color

112.8530, 19.7925, -1.6251

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6500, 7.5676, -0.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8530, 19.7925, -1.6251 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, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 153)  
}
```

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, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 153) }
```

Border

The CSS property to change the border of an element to YUV 112.8530, 19.7925, -1.6251 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, 106, 153) }
```


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

```
.border{ border-color:rgb(111, 106, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 106, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(111, 106,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 112.8530, 19.7925, -1.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 153) }
```

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

```
.background{ background-color: rgb(111,  
106, 153) }
```

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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