

Converting Colors

YUV(112.4930, 18.9840,
-22.3574)

Have a look what the booklet for
YUV(112.4930, 18.9840, -22.3574)
contains.

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Color

**YUV(112.4930, 18.9840,
-22.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	577697
RGB	87, 118, 151
RGB Percent	34%, 46%, 59%
CMY	0.6588, 0.5373, 0.4078
CMYK	0.42, 0.22, 0.00, 0.41
HSL	211°, 27%, 47%
HSV	211°, 42%, 59%
XYZ	15.9948, 17.2175, 31.7584
YIQ	112.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

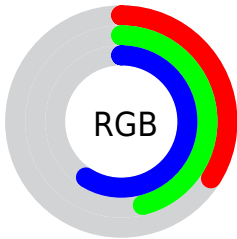
Format	Color
R _Y B	87, 108, 151
Decimal	5731991
CIE Lab	48.53, -2.11, -21.37
CIE LCh	49, 21.477, 264.358
Yxy	17.2175, 0.2462, 0.2650
Android (android.graphics.Color)	4283922071 (0xFF577697)
YUV	112.4930, 18.9840, -22.3574
Hunter-Lab	41.4939, -3.8073, -16.3334

Details

The YUV color **112.4930, 18.9840, -22.3574** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **125.5070, -18.9840, 22.3574**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7210, 19.8575, -22.5573**, and **63.2540, 18.1158, -23.9018** is the 20% darker color. If you saturate the color by 10%, you get **103.3120, 23.5102, -27.4606**, and if you desaturate by 10%, it is **121.6740, 14.4577, -17.2541**.

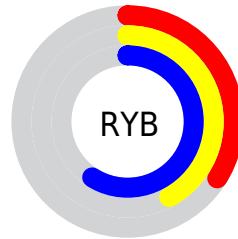
Distribution



Red (34%)

Green (46%)

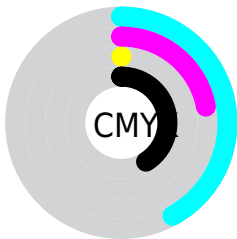
Blue (59%)



Red (34%)

Yellow (42%)

Blue (59%)

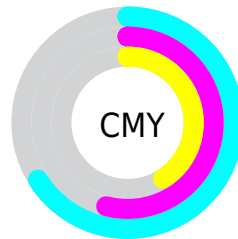


Cyan (42%)

Magenta (22%)

Yellow (0%)

Black (41%)



Cyan (66%)

Magenta (54%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4930, 18.9840, -22.3574 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 112.4930, 18.9840, -22.3574 by changing the saturation by 10% instead.

■ 112.4930, 18.9840,
-22.3574

■ 112.4930, 18.9840,
-22.3574

■ 255.0000, 0.0000,
0.0000

■ 87.3790, 18.5472,
-22.2574

■ 164.7210, 19.8575,
-22.5573

■ 63.2540, 18.1158,
-23.9018

■ 192.2480, 20.5837,
-22.1425

■ 38.0360, 18.7163,
-29.8496

■ 219.1510, 17.6736,
-22.0574

■ 21.8910, 15.3367,
-19.1984

■ 244.8450, 5.0064,
-19.1581

■ 4.8220, 13.3988,
-4.2289

■ 254.1030, 0.4422,
-1.8443

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 112.4930, 18.9840,
-22.3574

■ 112.4930, 18.9840,
-22.3574

■ 103.3120, 23.5102,
-27.4606

■ 121.6740, 14.4577,
-17.2541

■ 94.1310, 28.0364,
-32.5639

■ 130.8550, 9.9315,
-12.1508

■ 85.5370, 32.2733,
-38.1819

■ 139.4490, 5.6946,
-6.5328

■ 76.3560, 36.7995,
-43.2852

■ 148.6300, 1.1684,
-1.4295

■ 66.8760, 41.4731,
-49.0033

■ 158.1100, -3.5052,
4.2885

■ 60.0650, 44.8310,
-52.6770

■ 167.2910, -8.0315,
9.3918

■ 176.4720,
-12.5577, 14.4951

■ 185.0660,
-16.7945, 20.1131

■ 194.2470,
-21.3208, 25.2164

Harmonies

Analogous

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



108.0520, 17.7224, -37.7566



112.4930, 18.9840, -22.3574



116.4030, 15.5773, -2.9844

Triad

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



112.4930, 18.9840, -22.3574



117.4230, -8.0965, 30.3240



110.4250, -8.0975, -16.1587

Complementary

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



112.4930, 18.9840, -22.3574



125.5070, -18.9840, 22.3574

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.



112.9880, -15.2771, 0.0105



112.4930, 18.9840, -22.3574



115.9680, -14.7742, 25.4611

Square

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



112.4930, 18.9840, -22.3574



117.9910, 0.4974, 27.1949



114.5060, -17.5045, 14.4652



107.5570, 1.6974, -31.1835

Rectangle

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



112.4930, 18.9840, -22.3574



118.0410, 11.3188, 9.6110



114.5060, -17.5045, 14.4652



111.3610, -11.0240, -10.8406

Sweetspot

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



112.4930, 18.9840, -22.3574



180.8940, 7.4473, -8.6770



128.2160, -4.5435, -36.1464



89.8190, 4.5262, -5.1033



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.



112.4930, 18.9840, -22.3574



136.1630, 29.4996, -35.2230



94.2960, 27.9551, -6.3986



72.2600, 2.3368, -2.8590



55.8760, 41.4731, -49.0033



5.0040, 3.9420, -4.3885

Inverse Universe

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



109.6700, 4.1067, 36.2464



131.4860, 6.6624, 56.5788



143.7040, -27.9551, 6.3986



71.8480, 0.5679, 4.5183



49.6120, 9.0653, 79.2703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 112.4930, 18.9840, -22.3574 looks on a white background.

Color Contrast Check

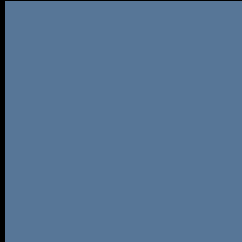
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4930, 18.9840, -22.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

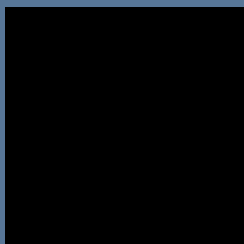
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

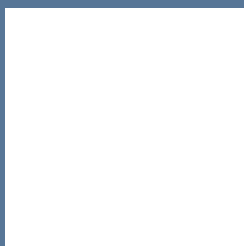
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.4930, 18.9840, -22.3574

Background



This preview shows how black text looks on a background with the YUV color 112.4930, 18.9840, -22.3574.



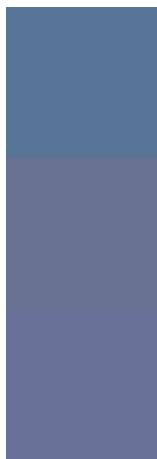
This preview shows how white text looks on a background with the YUV color 112.4930, 18.9840,

-22.3574.

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

112.4930, 18.9840, -22.3574

Protanopia

115.4840, 16.0304, -8.3175

Deuteranopia

115.3530, 18.0670, -8.2026



Tritanopia

111.0660, 9.8275, -25.4909

Trichromacy



Original Color

112.4930, 18.9840, -22.3574

Protanomaly

114.0920, 17.2096, -13.2357

Deuteranomaly

114.4340, 18.5200, -13.5356

Tritanomaly

111.8750, 12.8796, -24.4464

Monochromacy



Original Color

112.4930, 18.9840, -22.3574

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4930, 18.9840, -22.3574 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(87, 118, 151)` looks like.

```
.text, #text, p{  
    color:rgb(87, 118, 151)  
}
```

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(87, 118, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 118, 151) }
```

Border

The CSS property to change the border of an element to YUV 112.4930, 18.9840, -22.3574 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(87, 118, 151) }
```


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

```
.border{ border-color:rgb(87, 118, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 118, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 118, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 118, 151);  
box-shadow:4px 4px 4px 4px rgb(87, 118,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 112.4930, 18.9840, -22.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 118, 151) }
```

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

```
.background{ background-color: rgb(87, 118,  
151) }
```

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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