

Converting Colors

YUV(104.1530, 18.1656, 6.8818)

Have a look what the booklet for
YUV(104.1530, 18.1656, 6.8818)
contains.

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Color

**YUV(104.1530, 18.1656,
6.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	705D8D
RGB	112, 93, 141
RGB Percent	44%, 36%, 55%
CMY	0.5608, 0.6353, 0.4471
CMYK	0.21, 0.34, 0.00, 0.45
HSL	264°, 21%, 46%
HSV	264°, 34%, 55%
XYZ	15.4042, 13.1965, 26.9346
YIQ	104.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

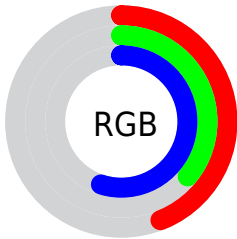
Format	Color
R_{YB}	112, 93, 141
Decimal	7363981
CIE Lab	43.06, 18.05, -23.73
CIE LCh	43, 29.809, 307.259
Yxy	13.1965, 0.2774, 0.2376
Android (android.graphics.Color)	4285554061 (0xFF705D8D)
YUV	104.1530, 18.1656, 6.8818
Hunter-Lab	36.3270, 12.1191, -18.5315

Details

The YUV color **104.1530, 18.1656, 6.8818** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.8470, -18.1656, -6.8818**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2070, 19.6179, 7.7115**, and **56.8000, 16.8606, 5.4374** is the 20% darker color. If you saturate the color by 10%, you get **93.2440, 23.5437, 8.5560**, and if you desaturate by 10%, it is **115.0620, 12.7874, 5.2076**.

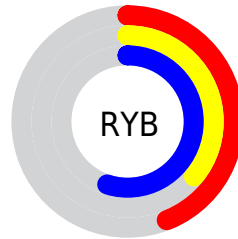
Distribution



Red (44%)

Green (36%)

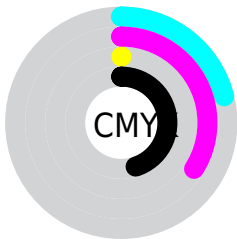
Blue (55%)



Red (44%)

Yellow (36%)

Blue (55%)

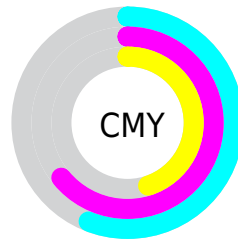


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1530, 18.1656, 6.8818 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 104.1530, 18.1656, 6.8818 by changing the saturation by 10% instead.

■ 104.1530, 18.1656,
6.8818

■ 104.1530, 18.1656,
6.8818

■ 255.0000, 0.0000,
0.0000

■ 79.6260, 17.4394,
6.4670

■ 155.2070, 19.6179,
7.7115

■ 56.8000, 16.8606,
5.4374

■ 182.6200, 19.9073,
8.2263

■ 34.8600, 15.8450,
4.5078

■ 210.1470, 20.6335,
8.6411

■ 11.1100, 16.7078,
7.7965

■ 235.5960, 9.5662,
11.7553

■ 3.2090, 9.7570,
-2.8143

■ 254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

104.1530, 18.1656,
6.8818

104.1530, 18.1656,
6.8818

93.2440, 23.5437,
8.5560

115.0620, 12.7874,
5.2076

82.6340, 28.7744,
10.8450

125.6720, 7.5567,
2.9187

71.7250, 34.1526,
12.5192

136.5810, 2.1786,
1.2445

61.1150, 39.3833,
14.8081

147.1910, -3.0522,
-1.0445

49.6190, 45.0508,
16.9971

158.6870, -8.7197,
-3.2335

39.0090, 50.2816,
19.2861


169.2970,
-13.9504, -5.5225

32.8180, 53.3337,
20.3306

180.2060,
-19.3286, -7.1967

190.8160,

-24.5593, -9.4856

 201.7250,
-29.9374, -11.1598

Harmonies

Analogous

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



99.1000, 25.0937, -22.0127



104.1530, 18.1656, 6.8818



104.6520, 8.0596, 28.3692

Triad

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



104.1530, 18.1656, 6.8818



101.3290, -22.3472, 27.7755



79.7030, 13.4574, -69.8995

Complementary

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



104.1530, 18.1656, 6.8818



129.8470, -18.1656, -6.8818

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.



91.5260, -4.6963, -33.7873



104.1530, 18.1656, 6.8818



98.9910, -23.1666, 10.5319

Square

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



104.1530, 18.1656, 6.8818



102.4580, -14.5228, 38.1863



96.3520, -17.4285, -9.9557



81.2650, 24.5194, -71.2694

Rectangle

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



104.1530, 18.1656, 6.8818



103.7580, 0.6123, 37.0462



96.3520, -17.4285, -9.9557



85.0810, 6.8621, -54.4450

Sweetspot

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



104.1530, 18.1656, 6.8818



169.5580, 7.1199, 3.0186



116.0820, 12.2846, -20.2429



83.4500, 4.2152, 1.3594



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



104.1530, 18.1656, 6.8818



125.6340, 28.7744, 10.8450



111.0300, 14.7752, 21.0217



65.6950, 2.6154, 1.1445



31.2370, 51.1552, 19.0862



1.8090, 3.0522, 1.0445

Inverse Universe

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



110.6580, 5.5916, 26.6099



135.9680, 8.8898, 42.1241



122.9700, -14.7752, -21.0217



66.6630, 1.1521, 3.8035



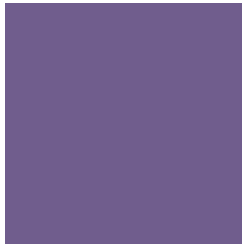
49.7130, 15.9175, 74.7967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 104.1530, 18.1656, 6.8818 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 104.1530, 18.1656, 6.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

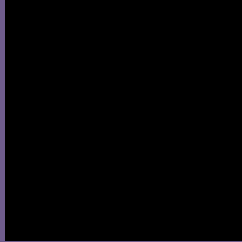
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.1530, 18.1656, 6.8818

Background



This preview shows how black text looks on a background with the YUV color 104.1530, 18.1656, 6.8818.



This preview shows how white text looks on a background with the YUV color 104.1530, 18.1656, 6.8818.

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

104.1530, 18.1656, 6.8818

Protanopia

101.4710, 22.4458, -12.6911

Deuteranopia

101.4560, 18.5092, -10.0469



Tritanopia

102.7060, 2.6099, 2.8888

Trichromacy



Original Color

104.1530, 18.1656, 6.8818

Protanomaly

102.1730, 21.1137, -5.4137

Deuteranomaly

102.2010, 18.6349, -3.6843

Tritanomaly

102.9110, 8.4249, 4.4631

Monochromacy



Original Color

104.1530, 18.1656, 6.8818

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1530, 18.1656, 6.8818 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(112, 93, 141)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 141)  
}
```

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(112, 93, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 141) }
```

Border

The CSS property to change the border of an element to YUV 104.1530, 18.1656, 6.8818 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(112, 93, 141) }
```


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

```
.border{ border-color:rgb(112, 93, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 93, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 93, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 93, 141); box-shadow:4px 4px 4px 4px rgb(112, 93, 141) }
```

Background

The CSS property to change the background color of an element to YUV 104.1530, 18.1656, 6.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 141) }
```

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

```
.background{ background-color: rgb(112, 93,  
141) }
```

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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