

Converting Colors

YUV(106.1600, 14.2181,
13.0147)

Have a look what the booklet for
YUV(106.1600, 14.2181, 13.0147)
contains.

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Color

**YUV(106.1600, 14.2181,
13.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	795D87
RGB	121, 93, 135
RGB Percent	47%, 36%, 53%
CMY	0.5255, 0.6353, 0.4706
CMYK	0.10, 0.31, 0.00, 0.47
HSL	280°, 18%, 45%
HSV	280°, 31%, 53%
XYZ	16.1727, 13.6429, 24.7026
YIQ	106.1600, 3.2060, 18.9980

Conversions

Conversions Part 2

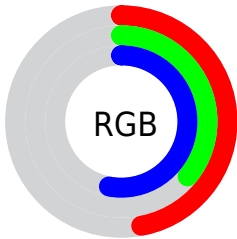
Format	Color
R _Y B	121, 93, 135
Decimal	7953799
CIE Lab	43.72, 19.67, -19.02
CIE LCh	44, 27.362, 315.958
Yxy	13.6429, 0.2966, 0.2502
Android (android.graphics.Color)	4286143879 (0xFF795D87)
YUV	106.1600, 14.2181, 13.0147
Hunter-Lab	36.9363, 13.5182, -13.7971

Details

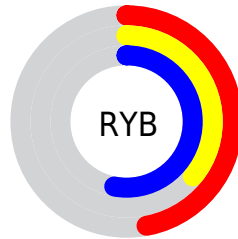
The YUV color **106.1600, 14.2181, 13.0147** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.8400, -14.2181, -13.0147**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9860, 14.7969, 14.0443**, and **58.2200, 13.2025, 12.0851** is the 20% darker color. If you saturate the color by 10%, you get **96.4470, 19.0066, 17.1480**, and if you desaturate by 10%, it is **115.5740, 9.5770, 8.2666**.

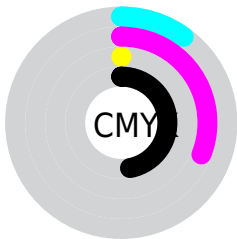
Distribution



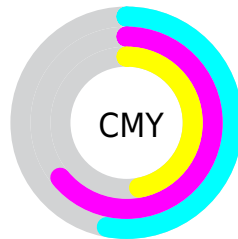
- Red (47%)
- Green (36%)
- Blue (53%)



- Red (47%)
- Yellow (36%)
- Blue (53%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1600, 14.2181, 13.0147 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 106.1600, 14.2181, 13.0147 by changing the saturation by 10% instead.

■ 106.1600, 14.2181,
13.0147

■ 106.1600, 14.2181,
13.0147

■ 255.0000, 0.0000,
0.0000

■ 81.7470, 13.9287,
12.4999

■ 157.9860, 14.7969,
14.0443

■ 58.2200, 13.2025,
12.0851

■ 184.5130, 15.5231,
14.4591

■ 36.0950, 12.7712,
10.4407

■ 212.9260, 15.8125,
14.9739

■ 12.9320, 13.3445,
13.2146

■ 237.9770, 8.3923,
14.9292

■ 2.6390, 7.5730,
-2.3144

■ 254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

106.1600, 14.2181,
13.0147

106.1600, 14.2181,
13.0147

96.4470, 19.0066,
17.1480

115.5740, 9.5770,
8.2666

87.6200, 23.3583,
21.3813

124.7000, 5.0779,
4.6481

78.4940, 27.8575,
24.9998

133.8260, 0.5788,
1.0296

69.0800, 32.4986,
29.7478

143.2400, -4.0623,
-3.7185

59.9540, 36.9977,
33.3663

152.9530, -8.8508,
-7.8518

50.5400, 41.6388,
38.1144


161.7800,
-13.2025, -12.0851

42.3000, 45.7011,
41.8329

170.9060,
-17.7017, -15.7036

180.3200,

-22.3428, -20.4516

 190.0330,
-27.1313, -24.5849

Harmonies

Analogous

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



102.9550, 21.7142, -11.3615



106.1600, 14.2181, 13.0147



106.3380, 4.2704, 30.3986

Triad

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



106.1600, 14.2181, 13.0147



102.2250, -21.3099, 21.7277



83.3060, 15.6251, -65.1664

Complementary

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



106.1600, 14.2181, 13.0147



121.8400, -14.2181, -13.0147

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.



93.2420, -0.6123, -37.0462



106.1600, 14.2181, 13.0147



100.6420, -20.5295, 4.6990

Square

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



106.1600, 14.2181, 13.0147



104.0830, -15.8169, 33.2532



97.1710, -12.9023, -15.0590



81.7210, 26.2665, -71.6693

Rectangle

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



106.1600, 14.2181, 13.0147



105.2480, -2.5873, 36.6165



97.1710, -12.9023, -15.0590



87.4770, 9.6248, -53.9153

Sweetspot

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



106.1600, 14.2181, 13.0147



165.1130, 5.3673, 5.1629



106.0060, 14.2940, -11.4063



82.2330, 3.3361, 3.3037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



106.1600, 14.2181, 13.0147



131.2670, 22.0534, 19.9368



109.6620, 9.5336, 22.2214



61.8800, 2.0312, 1.8592



40.8330, 43.9593, 40.4885



0.9400, 1.0156, 0.9296

Inverse Universe

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



107.1540, -0.0759, 24.4209



132.9430, 0.0281, 37.7610



118.3380, -9.5336, -22.2214



62.0220, -0.0108, 3.4887



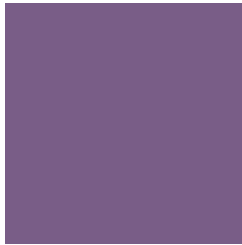
43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 106.1600, 14.2181, 13.0147 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 106.1600, 14.2181, 13.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

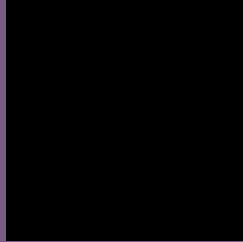
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1600, 14.2181, 13.0147

Background



This preview shows how black text looks on a background with the YUV color 106.1600, 14.2181, 13.0147.



This preview shows how white text looks on a background with the YUV color 106.1600, 14.2181, 13.0147.

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

106.1600, 14.2181, 13.0147

Protanopia

103.5700, 18.9460, -10.1469

Deuteranopia

104.3380, 14.1304, -5.5584



Tritanopia

105.1800, 0.4043, 10.3661

Trichromacy



Original Color

106.1600, 14.2181, 13.0147

Protanomaly

104.7560, 16.8823, -1.5400

Deuteranomaly

105.0830, 14.2561, 0.8042

Tritanomaly

105.5590, 5.6404, 10.9108

Monochromacy



Original Color

106.1600, 14.2181, 13.0147

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1600, 14.2181, 13.0147 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(121, 93, 135)` looks like.

```
.text, #text, p{  
    color:rgb(121, 93, 135)  
}
```

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(121, 93, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 93, 135) }
```

Border

The CSS property to change the border of an element to YUV 106.1600, 14.2181, 13.0147 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(121, 93, 135) }
```


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

```
.border{ border-color:rgb(121, 93, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 93, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 93, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 93, 135);  
box-shadow:4px 4px 4px 4px rgb(121, 93,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 106.1600, 14.2181, 13.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 93, 135) }
```

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

```
.background{ background-color: rgb(121, 93,  
135) }
```

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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