

Converting Colors

YUV(106.8060, 14.3926, 3.6781)

Have a look what the booklet for
YUV(106.8060, 14.3926, 3.6781)
contains.

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Color

**YUV(106.8060, 14.3926,
3.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6388
RGB	111, 99, 136
RGB Percent	44%, 39%, 53%
CMY	0.5647, 0.6118, 0.4667
CMYK	0.18, 0.27, 0.00, 0.47
HSL	259°, 16%, 46%
HSV	259°, 27%, 53%
XYZ	15.4613, 14.0808, 25.1955
YIQ	106.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

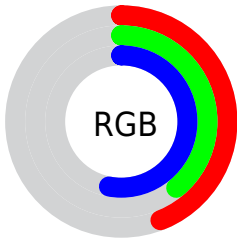
Format	Color
R _Y B	111, 99, 136
Decimal	7299976
CIE Lab	44.35, 12.82, -18.74
CIE LCh	44, 22.704, 304.381
Yxy	14.0808, 0.2825, 0.2572
Android (android.graphics.Color)	4285490056 (0xFF6F6388)
YUV	106.8060, 14.3926, 3.6781
Hunter-Lab	37.5243, 7.8805, -13.5429

Details

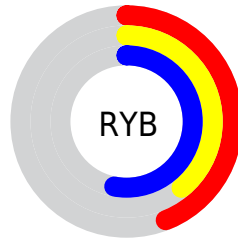
The YUV color **106.8060, 14.3926, 3.6781** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.1940, -14.3926, -3.6781**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3330, 15.1188, 4.0930**, and **59.1650, 13.2297, 3.3633** is the 20% darker color. If you saturate the color by 10%, you get **95.8970, 19.7708, 5.3523**, and if you desaturate by 10%, it is **117.7150, 9.0145, 2.0039**.

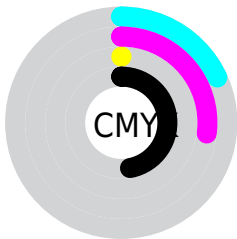
Distribution



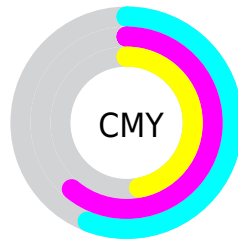
- Red (44%)
- Green (39%)
- Blue (53%)



- Red (44%)
- Yellow (39%)
- Blue (53%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8060, 14.3926, 3.6781 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 106.8060, 14.3926, 3.6781 by changing the saturation by 10% instead.

■ 106.8060, 14.3926,
3.6781

■ 106.8060, 14.3926,
3.6781

■ 255.0000, 0.0000,
0.0000

■ 82.3930, 14.1033,
3.1633

■ 158.3330, 15.1188,
4.0930

■ 59.1650, 13.2297,
3.3633

■ 184.8600, 15.8450,
4.5078

■ 37.3390, 12.6509,
2.3337

■ 212.9740, 16.2818,
4.4078

■ 15.3500, 12.6455,
4.0781

■ 239.1070, 7.8352,
6.9222

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 106.8060, 14.3926,
3.6781

■ 106.8060, 14.3926,
3.6781

■ 95.8970, 19.7708,
5.3523

■ 117.7150, 9.0145,
2.0039

■ 85.5750, 24.8595,
6.5117

■ 128.0370, 3.9258,
0.8446

■ 74.3670, 30.3851,
7.5711

■ 139.2450, -1.5998,
-0.2149

■ 64.0450, 35.4738,
8.7305

■ 149.5670, -6.6885,
-1.3743

■ 53.1360, 40.8520,
10.4047

■ 160.4760,
-12.0667, -3.0485

■ 42.2270, 46.2301,
12.0789

■ 171.3850,
-17.4448, -4.7226

■ 31.9050, 51.3188,
13.2383

■ 181.7070,
-22.5336, -5.8820

■ 28.6600, 52.9186,

■ 192.9150,

13.4532

-28.0591, -6.9415

 203.2370,
-33.1478, -8.1008

Harmonies

Analogous

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



103.5260, 18.9677, -17.1243



106.8060, 14.3926, 3.6781



107.6680, 7.0657, 20.4622

Triad

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



106.8060, 14.3926, 3.6781



104.7890, -16.6580, 22.9870



94.9520, 5.9397, -38.5459

Complementary

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



106.8060, 14.3926, 3.6781



128.1940, -14.3926, -3.6781

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.



98.7770, -5.3131, -22.6064



106.8060, 14.3926, 3.6781



103.6580, -18.0724, 9.9469

Square

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



106.8060, 14.3926, 3.6781



106.3260, -11.0067, 30.4091



101.2970, -13.9504, -5.5225



93.5410, 16.0023, -46.0785

Rectangle

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



106.8060, 14.3926, 3.6781



107.4040, 0.7868, 27.7097



101.2970, -13.9504, -5.5225



96.3610, 2.2870, -33.6426

Sweetspot

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



106.8060, 14.3926, 3.6781



164.7920, 5.5255, 1.0594



117.8930, 8.9268, -16.5692



81.9230, 3.4890, 0.9445



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.



106.8060, 14.3926, 3.6781



130.2930, 22.5336, 5.8820



112.1880, 11.7393, 14.7441



63.3960, 2.7628, 0.5297



28.0190, 51.7556, 13.1383



1.1680, 1.8892, 0.7297

Inverse Universe

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



112.9130, 5.4659, 20.2473



139.7880, 8.4855, 31.7579



122.8120, -11.7393, -14.7441



64.6630, 1.1521, 3.8035



50.0270, 19.7067, 72.7673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 106.8060, 14.3926, 3.6781 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 106.8060, 14.3926, 3.6781 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 106.8060, 14.3926, 3.6781

Background



This preview shows how black text looks on a background with the YUV color 106.8060, 14.3926, 3.6781.



This preview shows how white text looks on a background with the YUV color 106.8060, 14.3926,

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

106.8060, 14.3926, 3.6781

Protanopia

105.2990, 16.6146, -9.0322

Deuteranopia

105.4520, 14.5672, -5.6584



Tritanopia

105.8090, 3.0522, 1.0445

Trichromacy



Original Color

106.8060, 14.3926, 3.6781

Protanomaly

105.8050, 15.8721, -4.2140

Deuteranomaly

106.0610, 14.2669, -2.6845

Tritanomaly

105.9600, 7.4147, 1.7891

Monochromacy



Original Color

106.8060, 14.3926, 3.6781

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8060, 14.3926, 3.6781 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, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 136)  
}
```

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, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 136) }
```

Border

The CSS property to change the border of an element to YUV 106.8060, 14.3926, 3.6781 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, 99, 136) }
```


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

```
.border{ border-color:rgb(111, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 106.8060, 14.3926, 3.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 136) }
```

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

```
.background{ background-color: rgb(111, 99,  
136) }
```

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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