

Converting Colors

YUV(105.8120, 11.9247, 1.9189)

Have a look what the booklet for
YUV(105.8120, 11.9247, 1.9189)
contains.

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Color

**YUV(105.8120, 11.9247,
1.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6482
RGB	108, 100, 130
RGB Percent	42%, 39%, 51%
CMY	0.5765, 0.6078, 0.4902
CMYK	0.17, 0.23, 0.00, 0.49
HSL	256°, 13%, 45%
HSV	256°, 23%, 51%
XYZ	14.7708, 13.9142, 23.0263
YIQ	105.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

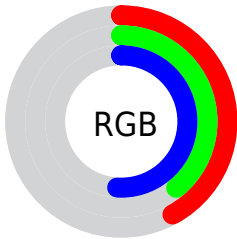
Format	Color
R_{YB}	108, 100, 130
Decimal	7103618
CIE Lab	44.11, 9.72, -15.52
CIE LCh	44, 18.314, 302.072
Yxy	13.9142, 0.2856, 0.2691
Android (android.graphics.Color)	4285293698 (0xFF6C6482)
YUV	105.8120, 11.9247, 1.9189
Hunter-Lab	37.3017, 5.4046, -10.4884

Details

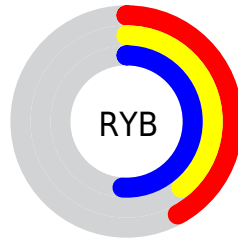
The YUV color **105.8120, 11.9247, 1.9189** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.1880, -11.9247, -1.9189**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3390, 12.6509, 2.3337**, and **58.2850, 11.1985, 1.5041** is the 20% darker color. If you saturate the color by 10%, you get **95.1910, 17.1608, 2.4635**, and if you desaturate by 10%, it is **116.4330, 6.6885, 1.3743**.

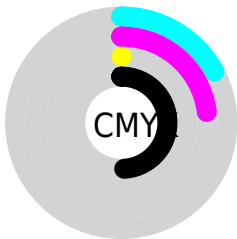
Distribution



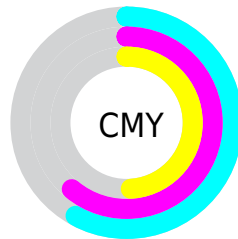
- Red (42%)
- Green (39%)
- Blue (51%)



- Red (42%)
- Yellow (39%)
- Blue (51%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.8120, 11.9247, 1.9189 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 105.8120, 11.9247, 1.9189 by changing the saturation by 10% instead.

■ 105.8120, 11.9247,
1.9189

■ 105.8120, 11.9247,
1.9189

■ 255.0000, 0.0000,
0.0000

■ 81.6980, 11.4879,
2.0189

■ 157.3390, 12.6509,
2.3337

■ 58.2850, 11.1985,
1.5041

■ 184.4530, 13.0877,
2.2337

■ 36.7580, 10.4723,
1.0892

■ 211.8660, 13.3771,
2.7485

■ 14.7690, 10.4669,
2.8336

■ 238.4980, 8.1355,
3.9483

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 105.8120, 11.9247,
1.9189

■ 105.8120, 11.9247,
1.9189

■ 95.1910, 17.1608,
2.4635

■ 116.4330, 6.6885,
1.3743

■ 84.8690, 22.2496,
3.6229

■ 126.7550, 1.5998,
0.2149

■ 74.2480, 27.4857,
4.1675

■ 137.3760, -3.6364,
-0.3298

■ 63.9260, 32.5745,
5.3269

■ 147.6980, -8.7251,
-1.4891

■ 53.3050, 37.8106,
5.8715

■ 158.3190,
-13.9613, -2.0338

■ 42.9830, 42.8994,
7.0309

■ 168.6410,
-19.0500, -3.1932

■ 32.3620, 48.1355,
7.5755


■ 179.2620,
-24.2862, -3.7378

■ 25.2850, 51.6245,

■ 189.5840,

8.5201

-29.3749, -4.8972

 200.2050,
-34.6111, -5.4418

Harmonies

Analogous

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



102.9240, 15.3205, -13.9653



105.8120, 11.9247, 1.9189



106.7060, 6.0609, 16.0438

Triad

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



105.8120, 11.9247, 1.9189



104.9780, -13.3002, 19.3133



97.7360, 3.5812, -28.7095

Complementary

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



105.8120, 11.9247, 1.9189



124.1880, -11.9247, -1.9189

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.



99.3370, -4.6031, -16.9585



105.8120, 11.9247, 1.9189



103.5700, -14.5780, 9.1471

Square

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



105.8120, 11.9247, 1.9189



105.3900, -8.0803, 25.0910



101.5900, -11.6299, -3.1484



97.0650, 11.3070, -33.3830

Rectangle

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



105.8120, 11.9247, 1.9189



107.0720, 0.9505, 21.8619



101.5900, -11.6299, -3.1484



98.6610, 0.6601, -25.1357

Sweetspot

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



105.8120, 11.9247, 1.9189



159.1510, 4.3626, 0.7446



116.3340, 6.7373, -14.3249



78.3960, 2.7628, 0.5297



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



105.8120, 11.9247, 1.9189



130.2450, 18.6132, 3.2931



110.2970, 9.7136, 11.1405



58.3960, 2.7628, 0.5297



24.7580, 50.8983, 8.1052



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.4780, 5.1873, 16.2438



139.0430, 8.3598, 25.3953



119.7030, -9.7136, -11.1405



59.6630, 1.1521, 3.8035



48.9880, 22.1909, 69.2935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 105.8120, 11.9247, 1.9189 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 105.8120, 11.9247, 1.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

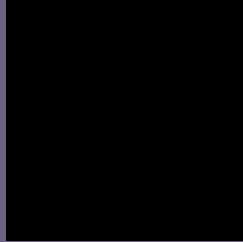
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.8120, 11.9247, 1.9189

Background



This preview shows how black text looks on a background with the YUV color 105.8120, 11.9247, 1.9189.



This preview shows how white text looks on a background with the YUV color 105.8120, 11.9247,

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

105.8120, 11.9247, 1.9189

Protanopia

104.5120, 13.5516, -6.5880

Deuteranopia

105.1920, 12.2303, -2.7994



Tritanopia

104.6240, 3.6364, 0.3298

Trichromacy



Original Color

105.8120, 11.9247, 1.9189

Protanomaly

105.0070, 12.8145, -3.5141

Deuteranomaly

105.2030, 12.2249, -1.0550

Tritanomaly

105.1340, 6.8359, 0.7595

Monochromacy



Original Color

105.8120, 11.9247, 1.9189

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.8120, 11.9247, 1.9189 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(108, 100, 130)` looks like.

```
.text, #text, p{  
    color:rgb(108, 100, 130)  
}
```

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(108, 100, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 100, 130) }
```

Border

The CSS property to change the border of an element to YUV 105.8120, 11.9247, 1.9189 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(108, 100, 130) }
```


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

```
.border{ border-color:rgb(108, 100, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 100, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 100, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 100, 130);  
box-shadow:4px 4px 4px 4px rgb(108, 100,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 105.8120, 11.9247, 1.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 100, 130) }
```

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

```
.background{ background-color: rgb(108,  
100, 130) }
```

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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