

Converting Colors

YUV(105.7190, 12.9565,
-2.3846)

Have a look what the booklet for
YUV(105.7190, 12.9565, -2.3846)
contains.

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Color

**YUV(105.7190, 12.9565,
-2.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	676684
RGB	103, 102, 132
RGB Percent	40%, 40%, 52%
CMY	0.5961, 0.6000, 0.4824
CMYK	0.22, 0.23, 0.00, 0.48
HSL	242°, 13%, 46%
HSV	242°, 23%, 52%
XYZ	14.5097, 14.0523, 23.7774
YIQ	105.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

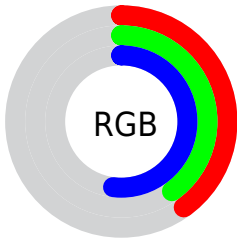
Format	Color
R_{YB}	103, 102, 132
Decimal	6776452
CIE Lab	44.31, 7.28, -16.46
CIE LCh	44, 17.997, 293.853
Yxy	14.0523, 0.2772, 0.2685
Android (android.graphics.Color)	4284966532 (0xFF676684)
YUV	105.7190, 12.9565, -2.3846
Hunter-Lab	37.4863, 3.4905, -11.3669

Details

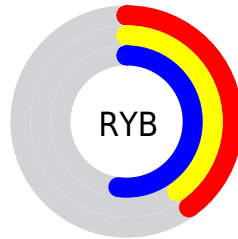
The YUV color **105.7190, 12.9565, -2.3846** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.2810, -12.9565, 2.3846**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2460, 13.6827, -1.9697**, and **58.0780, 11.7935, -2.6994** is the 20% darker color. If you saturate the color by 10%, you get **94.2010, 18.6349, -3.6843**, and if you desaturate by 10%, it is **117.2370, 7.2782, -1.0848**.

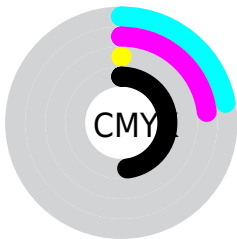
Distribution



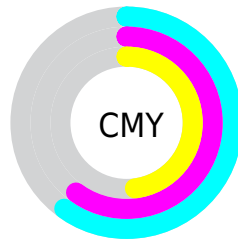
- Red (40%)
- Green (40%)
- Blue (52%)



- Red (40%)
- Yellow (40%)
- Blue (52%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7190, 12.9565, -2.3846 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 105.7190, 12.9565, -2.3846 by changing the saturation by 10% instead.

■ 105.7190, 12.9565,
-2.3846

■ 105.7190, 12.9565,
-2.3846

■ 255.0000, 0.0000,
0.0000

■ 81.6050, 12.5197,
-2.2846

■ 157.2460, 13.6827,
-1.9697

■ 58.0780, 11.7935,
-2.6994

■ 184.0610, 14.2669,
-2.6845

■ 36.5510, 11.0674,
-3.1142

■ 211.4740, 14.5563,
-2.1697

■ 15.2630, 11.2093,
-1.9847

■ 238.1770, 8.2937,
-0.1552

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 105.7190, 12.9565,
-2.3846

■ 105.7190, 12.9565,
-2.3846

■ 94.2010, 18.6349,
-3.6843

■ 117.2370, 7.2782,
-1.0848

■ 82.6830, 24.3133,
-4.9840

■ 128.7550, 1.5998,
0.2149

■ 70.8770, 30.1336,
-5.1541

■ 140.5610, -4.2206,
0.3850

■ 59.3590, 35.8120,
-6.4538

■ 152.0790, -9.8989,
1.6847

■ 47.8410, 41.4904,
-7.7536

■ 163.5970,
-15.5773, 2.9844

■ 36.3230, 47.1688,
-9.0533

■ 175.1150,
-21.2557, 4.2841

■ 25.1040, 52.6997,
-9.7382


■ 186.3340,
-26.7867, 4.9691

■ 16.2440, 57.0677,

■ 198.4390,

-10.7380

-32.7544, 5.7540

 209.9570,
-38.4328, 7.0537

Harmonies

Analogous

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



102.6030, 15.4787, -18.0688



105.7190, 12.9565, -2.3846



107.1400, 7.8190, 12.1552

Triad

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



105.7190, 12.9565, -2.3846



105.6300, -12.1426, 21.3725



98.7750, 1.0969, -25.2357

Complementary

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



105.7190, 12.9565, -2.3846



128.2810, -12.9565, 2.3846

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.



100.7890, -6.7980, -12.9700



105.7190, 12.9565, -2.3846



104.5920, -14.5889, 12.6358

Square

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



105.7190, 12.9565, -2.3846



106.1450, -6.4805, 25.3058



102.9710, -12.8037, 0.0254



97.7940, 8.9756, -32.2683

Rectangle

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



105.7190, 12.9565, -2.3846



107.2180, 2.8505, 19.1028



102.9710, -12.8037, 0.0254



99.7000, -1.8241, -21.6619

Sweetspot

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



105.7190, 12.9565, -2.3846



160.3680, 5.2416, -1.1997



122.4430, 4.7116, -17.9285



80.7980, 3.0576, -0.6998



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



105.7190, 12.9565, -2.3846



130.5430, 19.9453, -3.9842



110.2040, 10.7454, 6.8371



60.6840, 2.6208, -0.5999



16.0160, 56.1941, -10.5380



0.3420, 1.3104, -0.2999

Inverse Universe

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



114.2760, 8.2449, 15.5439



143.7700, 12.4384, 23.8807



123.7960, -10.7454, -6.8371



62.4780, 1.7363, 3.0888



53.2340, 35.8736, 67.3238



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 105.7190, 12.9565, -2.3846 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 105.7190, 12.9565, -2.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

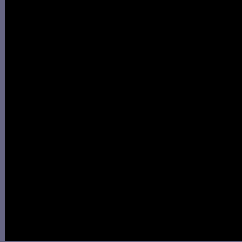
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.7190, 12.9565, -2.3846

Background



This preview shows how black text looks on a background with the YUV color 105.7190, 12.9565, -2.3846.



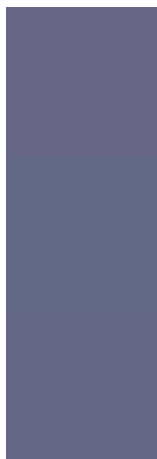
This preview shows how white text looks on a background with the YUV color 105.7190, 12.9565, -2.3846.

-2.3846.

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

105.7190, 12.9565, -2.3846

Protanopia

105.2130, 13.6990, -7.2028

Deuteranopia

105.7080, 12.9620, -4.1289



Tritanopia

104.5310, 4.6682, -3.9737

Trichromacy



Original Color

105.7190, 12.9565, -2.3846

Protanomaly

105.2240, 13.6936, -5.4584

Deuteranomaly

106.0070, 12.8145, -3.5141

Tritanomaly

105.0410, 7.8678, -3.5440

Monochromacy



Original Color

105.7190, 12.9565, -2.3846

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7190, 12.9565, -2.3846 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(103, 102, 132)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 132)  
}
```

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(103, 102, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 132) }
```

Border

The CSS property to change the border of an element to YUV 105.7190, 12.9565, -2.3846 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(103, 102, 132) }
```


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

```
.border{ border-color:rgb(103, 102, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 132);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 105.7190, 12.9565, -2.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 132) }
```

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

```
.background{ background-color: rgb(103,  
102, 132) }
```

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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