

Converting Colors

YUV(105.6250, 18.9189,
-1.4251)

Have a look what the booklet for
YUV(105.6250, 18.9189, -1.4251)
contains.

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Color

**YUV(105.6250, 18.9189,
-1.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	686390
RGB	104, 99, 144
RGB Percent	41%, 39%, 56%
CMY	0.5922, 0.6118, 0.4353
CMYK	0.28, 0.31, 0.00, 0.44
HSL	247°, 19%, 48%
HSV	247°, 31%, 56%
XYZ	15.2048, 13.8804, 28.2634
YIQ	105.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

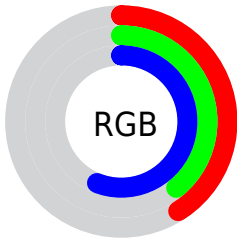
Format	Color
RYB	104, 99, 144
Decimal	6841232
CIELab	44.06, 12.54, -24.03
CIELCh	44, 27.104, 297.565
Yxy	13.8804, 0.2651, 0.2420
Android (android.graphics.Color)	4285031312 (0xFF686390)
YUV	105.6250, 18.9189, -1.4251
Hunter-Lab	37.2563, 7.6496, -18.8990

Details

The YUV color **105.6250, 18.9189, -1.4251** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **137.3750, -18.9189, 1.4251**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2660, 20.0819, -1.1103**, and **58.1580, 17.1771, -2.7696** is the 20% darker color. If you saturate the color by 10%, you get **93.5200, 24.8866, -2.2100**, and if you desaturate by 10%, it is **117.7300, 12.9511, -0.6402**.

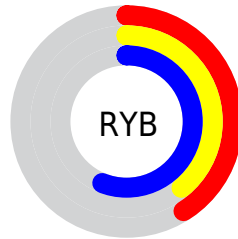
Distribution



Red (41%)

Green (39%)

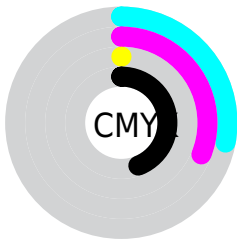
Blue (56%)



Red (41%)

Yellow (39%)

Blue (56%)

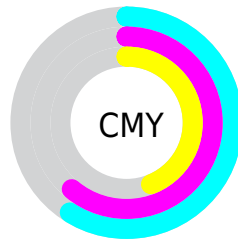


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6250, 18.9189, -1.4251 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 105.6250, 18.9189, -1.4251 by changing the saturation by 10% instead.

■ 105.6250, 18.9189,
-1.4251

■ 105.6250, 18.9189,
-1.4251

■ 255.0000, 0.0000,
0.0000

■ 81.0980, 18.1927,
-1.8399

■ 157.2660, 20.0819,
-1.1103

■ 58.1580, 17.1771,
-2.7696

■ 183.7930, 20.8081,
-0.6955

■ 35.7450, 16.8877,
-3.2844

■ 211.9070, 21.2448,
-0.7954

■ 13.3430, 16.5929,
-2.0548

■ 237.0140, 8.8671,
2.6187

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 105.6250, 18.9189,
-1.4251

■ 105.6250, 18.9189,
-1.4251

■ 93.5200, 24.8866,
-2.2100

■ 117.7300, 12.9511,
-0.6402

■ 80.8280, 31.1438,
-2.4802

■ 130.4220, 6.6940,
-0.3701

■ 69.0220, 36.9642,
-2.6503

■ 142.2280, 0.8736,
-0.2000

■ 56.3300, 43.2213,
-2.9204

■ 154.9200, -5.3836,
0.0702

■ 44.2250, 49.1891,
-3.7053

■ 167.0250,
-11.3513, 0.8551

■ 32.1200, 55.1568,
-4.4902


■ 179.1300,
-17.3191, 1.6400

■ 21.2000, 60.5404,
-4.5604

■ 191.8220,
-23.5762, 1.9101

■ 203.6280,

-29.3966, 2.0802

 216.3200,
-35.6538, 2.3504

Harmonies

Analogous

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



100.1270, 24.0944, -28.1754



105.6250, 18.9189, -1.4251



107.2920, 10.7020, 20.7919

Triad

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



105.6250, 18.9189, -1.4251



104.0780, -18.2795, 29.7496



91.2670, 4.7984, -45.8382

Complementary

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



105.6250, 18.9189, -1.4251



137.3750, -18.9189, 1.4251

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.



97.1530, -8.9494, -22.9362



105.6250, 18.9189, -1.4251



102.7790, -21.5830, 15.9798

Square

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



105.6250, 18.9189, -1.4251



105.1850, -10.4442, 36.6718



100.4670, -18.4712, -2.1636



82.2280, 20.5936, -72.1140

Rectangle

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



105.6250, 18.9189, -1.4251



107.1100, 3.3968, 30.5985



100.4670, -18.4712, -2.1636



94.0570, -0.0281, -37.7610

Sweetspot

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



105.6250, 18.9189, -1.4251



171.5360, 7.1308, -0.4701



127.6100, 8.0803, -25.0910



85.4390, 4.2206, -0.3850



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



105.6250, 18.9189, -1.4251



125.4860, 29.8334, -2.1802



112.2030, 15.6759, 12.1000



65.0970, 2.9102, -0.0851



19.8750, 56.7566, -4.2754



1.2110, 3.3470, -0.1850

Inverse Universe

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



117.0150, 10.8386, 23.6658



143.4110, 17.0524, 37.3506



130.7970, -15.6759, -12.1000



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 105.6250, 18.9189, -1.4251 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 105.6250, 18.9189, -1.4251 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 105.6250, 18.9189, -1.4251

Background



This preview shows how black text looks on a background with the YUV color 105.6250, 18.9189, -1.4251.



This preview shows how white text looks on a background with the YUV color 105.6250, 18.9189, -1.4251.

-1.4251.

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

105.6250, 18.9189, -1.4251

Protanopia

104.1290, 21.1354, -12.3911

Deuteranopia

104.2710, 19.0934, -10.7617



Tritanopia

103.8190, 4.5262, -5.1033

Trichromacy



Original Color

105.6250, 18.9189, -1.4251

Protanomaly

104.9230, 20.2510, -8.7025

Deuteranomaly

104.8800, 18.7932, -7.7878

Tritanomaly

104.4970, 9.6150, -3.9439

Monochromacy



Original Color

105.6250, 18.9189, -1.4251

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.5360, 7.1308, -0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6250, 18.9189, -1.4251 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(104, 99, 144)` looks like.

```
.text, #text, p{  
    color:rgb(104, 99, 144)  
}
```

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(104, 99, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 99, 144) }
```

Border

The CSS property to change the border of an element to YUV 105.6250, 18.9189, -1.4251 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(104, 99, 144) }
```


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

```
.border{ border-color:rgb(104, 99, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 99, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 99, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 99, 144);  
box-shadow:4px 4px 4px 4px rgb(104, 99,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 105.6250, 18.9189, -1.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 99, 144) }
```

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

```
.background{ background-color: rgb(104, 99,  
144) }
```

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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