

Converting Colors

YUV(100.6870, -5.2687, 9.9215)

Have a look what the booklet for
YUV(100.6870, -5.2687, 9.9215)
contains.

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Color

**YUV(100.6870, -5.2687,
9.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	70615A
RGB	112, 97, 90
RGB Percent	44%, 38%, 35%
CMY	0.5608, 0.6196, 0.6471
CMYK	0.00, 0.13, 0.20, 0.56
HSL	19°, 11%, 40%
HSV	19°, 20%, 44%
XYZ	12.8022, 12.7323, 11.4557
YIQ	100.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

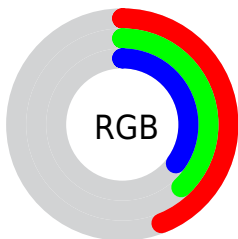
Format	Color
R_{YB}	112, 100, 90
Decimal	7364954
CIE _{Lab}	42.36, 4.76, 6.20
CIE _{LCh}	42, 7.817, 52.461
Yxy	12.7323, 0.3461, 0.3442
Android (android.graphics.Color)	4285555034 (0xFF70615A)
YUV	100.6870, -5.2687, 9.9215
Hunter-Lab	35.6824, 1.5987, 5.9428

Details

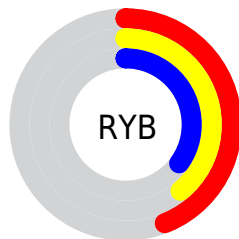
The YUV color **100.6870, -5.2687, 9.9215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.3130, 5.2687, -9.9215**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8720, -5.8529, 10.6363**, and **54.0890, -4.9739, 8.6919** is the 20% darker color. If you saturate the color by 10%, you get **94.7370, -7.7583, 15.1397**, and if you desaturate by 10%, it is **106.6370, -2.7790, 4.7034**.

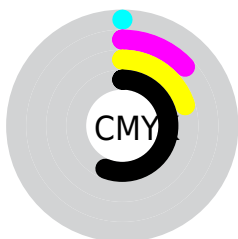
Distribution



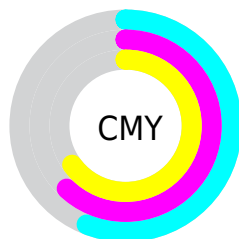
- Red (44%)
- Green (38%)
- Blue (35%)



- Red (44%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6870, -5.2687, 9.9215 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 100.6870, -5.2687, 9.9215 by changing the saturation by 10% instead.

■ 100.6870, -5.2687,
9.9215

■ 100.6870, -5.2687,
9.9215

■ 255.0000, 0.0000,
0.0000

■ 76.5020, -4.6845,
9.2067

■ 151.8720, -5.8529,
10.6363

■ 54.0890, -4.9739,
8.6919

■ 178.1710, -6.0003,
11.2510

■ 32.9040, -4.3897,
7.9772

■ 206.1710, -6.0003,
11.2510

■ 8.9260, -4.4005,
11.4659

■ 234.3560, -6.5845,
11.9658

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,
0.4999

■ 100.6870, -5.2687,
9.9215

■ 100.6870, -5.2687,
9.9215

■ 94.7370, -7.7583,
15.1397

■ 106.6370, -2.7790,
4.7034

■ 89.3740, -10.5374,
19.8430

■ 112.0000, 0.0000,
0.0000

■ 83.3100, -13.4638,
25.1611

■ 118.0640, 2.9264,
-5.3181

■ 77.3600, -15.9535,
30.3793

■ 124.0140, 5.4161,
-10.5363

■ 71.9970, -18.7325,
35.0826

■ 129.3770, 8.1951,
-15.2396

■ 66.0470, -21.2222,
40.3008

■ 135.3270, 10.6848,
-20.4578

■ 60.6840, -24.0012,
45.0041

■ 140.6900, 13.4638,
-25.1611

■ 54.6200, -26.9277,

■ 146.7540, 16.3903,

50.3223

-30.4793

■ 152.7040, 18.8799,
-35.6974

Harmonies

Analogous

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



101.2680, -3.0901, 11.1660



100.6870, -5.2687, 9.9215



100.0240, -6.4208, 6.1180

Triad

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



100.6870, -5.2687, 9.9215



98.2330, -0.1149, -9.8513



100.4820, 5.6784, -1.2997

Complementary

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



100.6870, -5.2687, 9.9215



101.3130, 5.2687, -9.9215

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.



99.3780, 6.7156, -7.3475



100.6870, -5.2687, 9.9215



98.1340, 3.3849, -12.3955

Square

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



100.6870, -5.2687, 9.9215



98.7560, -3.3307, -5.0480



98.4160, 5.7109, -11.7658



101.2440, 3.3307, 5.0480

Rectangle

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



100.6870, -5.2687, 9.9215



99.1160, -5.9732, 2.5293



98.4160, 5.7109, -11.7658



100.4710, 5.6838, -3.0441

Sweetspot

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



100.6870, -5.2687, 9.9215



140.5660, -1.7580, 3.8886



98.2880, 3.3090, 12.0254



71.0820, -1.0264, 2.5591



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.6870, -5.2687, 9.9215



127.5090, -8.6319, 15.3396



107.1440, -8.4520, 4.2587



52.9680, -1.4632, 2.6591



58.1860, -28.6857, 54.2109



120.2260, -59.2714, 111.1808

Inverse Universe

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



101.3130, 5.2687, -9.9215



128.0780, 8.3425, -15.8544



94.8560, 8.4520, -4.2587



53.0320, 1.4632, -2.6591



61.8140, 28.6857, -54.2109



127.3610, 58.9820, -111.6956

Previews

White Background



This preview shows how the YUV color 100.6870, -5.2687, 9.9215 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 100.6870, -5.2687, 9.9215 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 100.6870, -5.2687, 9.9215

Background



This preview shows how black text looks on a background with the YUV color 100.6870, -5.2687, 9.9215.



This preview shows how white text looks on a background with the YUV color 100.6870, -5.2687,

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

100.6870, -5.2687, 9.9215

Protanopia

100.1700, -4.5208, 3.3589

Deuteranopia

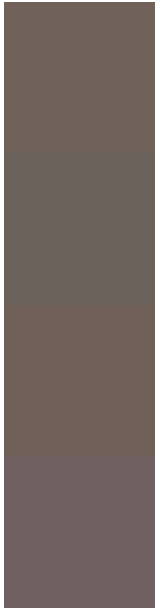
100.3990, -5.1267, 11.0511



Tritanopia

101.5930, 0.6937, 10.8809

Trichromacy



Original Color

100.6870, -5.2687, 9.9215

Protanomaly

100.4800, -4.6736, 5.7180

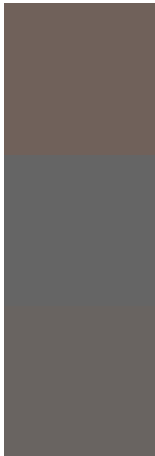
Deuteranomaly

100.3990, -5.1267, 11.0511

Tritanomaly

101.3110, -1.6323, 10.2513

Monochromacy



Original Color

100.6870, -5.2687, 9.9215

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6870, -5.2687, 9.9215 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(112, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(112, 97, 90)  
}
```

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(112, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 97, 90) }
```

Border

The CSS property to change the border of an element to YUV 100.6870, -5.2687, 9.9215 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(112, 97, 90) }
```


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

```
.border{ border-color:rgb(112, 97, 90) }
```

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

Here you see how a box with a 4 pixel rgb(112, 97, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(112, 97,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 100.6870, -5.2687, 9.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 97, 90) }
```

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

```
.background{ background-color: rgb(112, 97,  
90) }
```

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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