

Converting Colors

YUV(109.3270, -2.6262, 2.3442)

Have a look what the booklet for
YUV(109.3270, -2.6262, 2.3442)
contains.

YUV(109.3270, -2.6262, 2.3442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.3270, -2.6262,
2.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	706D68
RGB	112, 109, 104
RGB Percent	44%, 43%, 41%
CMY	0.5608, 0.5725, 0.5922
CMYK	0.00, 0.03, 0.07, 0.56
HSL	37°, 4%, 42%
HSV	37°, 7%, 44%
XYZ	14.6494, 15.3815, 15.2935
YIQ	109.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

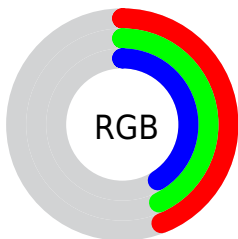
Format	Color
R_{YB}	109, 112, 104
Decimal	7368040
CIE Lab	46.15, 0.18, 3.20
CIE LCh	46, 3.201, 86.746
Yxy	15.3815, 0.3232, 0.3394
Android (android.graphics.Color)	4285558120 (0xFF706D68)
YUV	109.3270, -2.6262, 2.3442
Hunter-Lab	39.2193, -1.9593, 4.3334

Details

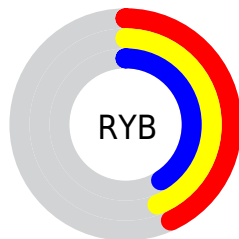
The YUV color $109.3270, -2.6262, 2.3442$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $106.6730, 2.6262, -2.3442$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $160.6260, -2.7736, 2.9590$, and $62.0280, -2.4788, 1.7294$ is the 20% darker color. If you saturate the color by 10%, you get $105.7250, -6.2734, 5.5032$, and if you desaturate by 10%, it is $112.9290, 1.0210, -0.8147$.

Distribution



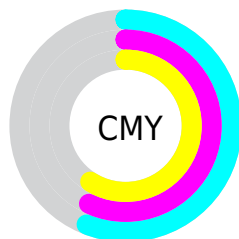
- Red (44%)
- Green (43%)
- Blue (41%)



- Red (43%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3270, -2.6262, 2.3442 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 109.3270, -2.6262, 2.3442 by changing the saturation by 10% instead.

■ 109.3270, -2.6262,
2.3442

■ 109.3270, -2.6262,
2.3442

255.0000, 0.0000,
0.0000

■ 85.3270, -2.6262,
2.3442

■ 160.6260, -2.7736,
2.9590

■ 62.0280, -2.4788,
1.7294

■ 187.6260, -2.7736,
2.9590

■ 40.1420, -2.0420,
1.6295

■ 215.5120, -3.2104,
3.0590

■ 19.3270, -2.6262,
2.3442

■ 244.2130, -3.0630,
2.4442

■ 0.0000, 0.0000,
0.0000

■ 109.3270, -2.6262,

■ 109.3270, -2.6262,

2.3442

2.3442

■ 105.7250, -6.2734,
5.5032

■ 112.9290, 1.0210,
-0.8147

■ 102.1230, -9.9206,
8.6621

■ 116.5310, 4.6682,
-3.9737

■ 97.8200, -13.7153,
12.4359

■ 120.8340, 8.4628,
-7.7474

■ 94.2180, -17.3625,
15.5948

■ 124.4360, 12.1101,
-10.9064

■ 90.6160, -21.0097,
18.7538

■ 128.0380, 15.7573,
-14.0653

■ 87.0140, -24.6569,
21.9127

■ 131.6400, 19.4045,
-17.2243

■ 83.4120, -28.3041,
25.0717

■ 135.2420, 23.0517,
-20.3832

■ 79.1090, -32.0987,
28.8454

■ 139.5450, 26.8463,
-24.1570

■ 75.5070, -35.7460,
32.0044

■ 143.1470, 30.4935,
-27.3159

Harmonies

Analogous

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



109.4520, -2.1948, 3.9886



109.3270, -2.6262, 2.3442



109.1310, -2.0366, -0.1149

Triad

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



109.3270, -2.6262, 2.3442



108.7220, 1.6161, -5.0182



109.9510, 1.0102, 2.6740

Complementary

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



109.3270, -2.6262, 2.3442



106.6730, 2.6262, -2.3442

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.



109.8690, 2.0366, 0.1149



109.3270, -2.6262, 2.3442



108.6620, 2.6316, -4.0886

Square

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



109.3270, -2.6262, 2.3442



108.6790, 0.1583, -4.1035



109.3740, 2.7736, -2.9590



110.3210, -0.1583, 4.1035

Rectangle

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



109.3270, -2.6262, 2.3442



108.6470, -1.3050, -1.4444



109.3740, 2.7736, -2.9590



109.7660, 1.5944, 1.9592

Sweetspot

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



109.3270, -2.6262, 2.3442



144.0710, -1.0210, 0.8147



106.7340, 0.1311, 4.6183



73.1850, -0.5842, 0.7148



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.



109.3270, -2.6262, 2.3442



140.5830, -4.2314, 3.8737



110.7890, -3.3470, 0.1850



54.1420, -2.0420, 1.6295



79.9050, -39.3932, 35.1633



164.8380, -81.2651, 72.0561

Inverse Universe

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



106.6730, 2.6262, -2.3442



136.4170, 4.2314, -3.8737



105.2110, 3.3470, -0.1850



52.4450, 1.7526, -2.1443



40.0950, 39.3932, -35.1633



82.7490, 80.9757, -72.5709

Previews

White Background



This preview shows how the YUV color 109.3270, -2.6262, 2.3442 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 109.3270, -2.6262, 2.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

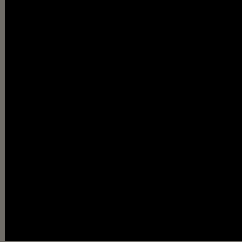
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.3270, -2.6262, 2.3442

Background



This preview shows how black text looks on a background with the YUV color 109.3270, -2.6262, 2.3442.



This preview shows how white text looks on a background with the YUV color 109.3270, -2.6262,

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

109.3270, -2.6262, 2.3442

Protanopia

109.3270, -2.6262, 2.3442

Deuteranopia

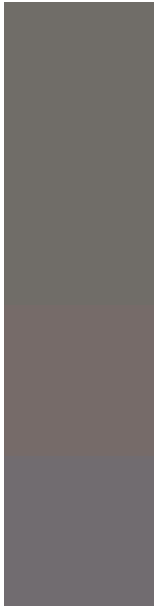
110.6700, -2.7953, 9.9364



Tritanopia

110.1190, 2.8993, 3.4036

Trichromacy



Original Color

109.3270, -2.6262, 2.3442

Protanomaly

109.3270, -2.6262, 2.3442

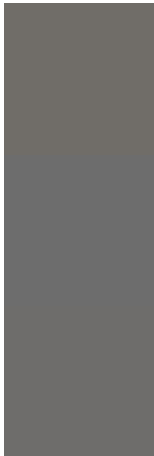
Deuteranomaly

110.0610, -2.4951, 6.9625

Tritanomaly

109.9510, 1.0102, 2.6740

Monochromacy



Original Color

109.3270, -2.6262, 2.3442

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3270, -2.6262, 2.3442 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, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 104)  
}
```

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, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 104) }
```

Border

The CSS property to change the border of an element to YUV 109.3270, -2.6262, 2.3442 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, 109, 104) }
```


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

```
.border{ border-color:rgb(112, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 109.3270, -2.6262, 2.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 109, 104) }
```

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

```
.background{ background-color: rgb(112,  
109, 104) }
```

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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