

Converting Colors

YUV(101.6750, -7.2348,
-12.8700)

Have a look what the booklet for
YUV(101.6750, -7.2348, -12.8700)
contains.

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Color

**YUV(101.6750, -7.2348,
-12.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	577057
RGB	87, 112, 87
RGB Percent	34%, 44%, 34%
CMY	0.6588, 0.5608, 0.6588
CMYK	0.22, 0.00, 0.22, 0.56
HSL	120°, 13%, 39%
HSV	120°, 22%, 44%
XYZ	11.4450, 14.3027, 11.1743
YIQ	101.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

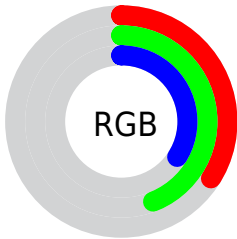
Format	Color
R_{YB}	87, 112, 112
Decimal	5730391
CIE Lab	44.66, -14.58, 10.96
CIE LCh	45, 18.236, 143.076
Yxy	14.3027, 0.3100, 0.3874
Android (android.graphics.Color)	4283920471 (0xFF577057)
YUV	101.6750, -7.2348, -12.8700
Hunter-Lab	37.8189, -12.1645, 8.9549

Details

The YUV color **101.6750, -7.2348, -12.8700** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **97.3250, 7.2348, 12.8700**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8490, -7.8136, -13.8996**, and **54.6150, -6.2192, -11.9404** is the 20% darker color. If you saturate the color by 10%, you get **97.1320, -10.4181, -18.5328**, and if you desaturate by 10%, it is **106.2180, -4.0515, -7.2072**.

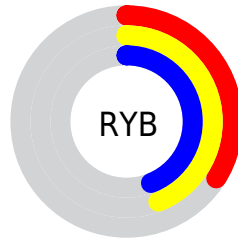
Distribution



Red (34%)

Green (44%)

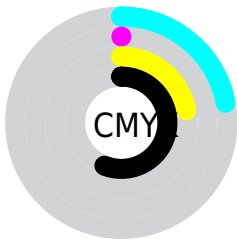
Blue (34%)



Red (34%)

Yellow (44%)

Blue (44%)

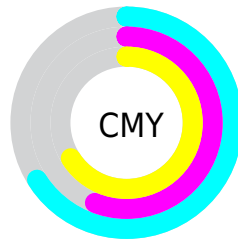


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6750, -7.2348, -12.8700 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 101.6750, -7.2348, -12.8700 by changing the saturation by 10% instead.

■ 101.6750, -7.2348,
-12.8700

■ 101.6750, -7.2348,
-12.8700

■ 255.0000, 0.0000,
0.0000

■ 77.2020, -6.5086,
-12.4552

■ 152.8490, -7.8136,
-13.8996

■ 54.6150, -6.2192,
-11.9404

■ 179.7350, -8.2504,
-13.7996

■ 32.7290, -5.7824,
-12.0403

■ 207.3220, -8.5397,
-14.3144

■ 13.5010, -6.6560,
-11.8404

■ 235.3220, -8.5397,
-14.3144

■ 0.0000, 0.0000,
0.0000

■ 251.6960, -2.3151,
-4.1184

■ 101.6750, -7.2348,
-12.8700

■ 101.6750, -7.2348,
-12.8700

■ 97.1320, -10.4181,
-18.5328

■ 106.2180, -4.0515,
-7.2072

■ 92.5890, -13.6014,
-24.1956

■ 110.7610, -0.8682,
-1.5444

■ 87.6330, -17.0741,
-30.3731

■ 115.7170, 2.6045,
4.6332

■ 83.0900, -20.2574,
-36.0359

■ 120.2600, 5.7878,
10.2960

■ 78.5470, -23.4407,
-41.6987

■ 124.8030, 8.9711,
15.9588

■ 74.0040, -26.6240,
-47.3615

■ 129.3460, 12.1544,
21.6216

■ 69.4610, -29.8073,
-53.0243

■ 133.8890, 15.3377,
27.2843

■ 65.7440, -32.4118,

■ 138.8450, 18.8104,

-57.6575

33.4619

■ 143.3880, 21.9937,
39.1247

Harmonies

Analogous

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



103.3840, -12.5143, 0.5402



101.6750, -7.2348, -12.8700



99.6610, 0.6601, -25.1357

Triad

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



101.6750, -7.2348, -12.8700



103.3040, 15.6261, -18.6836



107.4440, -6.6279, 25.9206

Complementary

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



101.6750, -7.2348, -12.8700



97.3250, 7.2348, 12.8700

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.



108.0720, 0.9505, 21.8619



101.6750, -7.2348, -12.8700



106.4200, 13.1039, -2.9993

Square

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



101.6750, -7.2348, -12.8700



99.8850, 14.3537, -30.5941



108.1400, 7.8190, 12.1552



106.3420, -12.0006, 22.5021

Rectangle

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



101.6750, -7.2348, -12.8700



98.5230, 6.6442, -31.1537



108.1400, 7.8190, 12.1552



107.7150, -4.2965, 24.8059

Sweetspot

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



101.6750, -7.2348, -12.8700



140.8700, -2.8939, -5.1480



109.1500, -10.9200, 2.4994



71.5220, -1.7363, -3.0888



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.



101.6750, -7.2348, -12.8700



128.8930, -11.2862, -20.0772



103.1570, -1.5564, -14.1697



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



97.3250, 7.2348, 12.8700



122.1070, 11.2862, 20.0772



95.9570, 1.9932, 14.0697



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 101.6750, -7.2348, -12.8700 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 101.6750, -7.2348, -12.8700 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 101.6750, -7.2348, -12.8700

Background



This preview shows how black text looks on a background with the YUV color 101.6750, -7.2348, -12.8700.



This preview shows how white text looks on a background with the YUV color 101.6750, -7.2348, -12.8700.

-12.8700.

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

101.6750, -7.2348, -12.8700

Protanopia

104.6990, -10.2046, 6.4030

Deuteranopia

105.6120, -8.1897, 13.4953



Tritanopia

104.2420, 6.2897, -10.7362

Trichromacy



Original Color

101.6750, -7.2348, -12.8700

Protanomaly

103.8830, -9.3093, -0.7744

Deuteranomaly

104.2580, -8.0152, 4.1587

Tritanomaly

102.9770, 1.4903, -11.3808

Monochromacy



Original Color

101.6750, -7.2348, -12.8700

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6750, -7.2348, -12.8700 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(87, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(87, 112, 87)  
}
```

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(87, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 112, 87) }
```

Border

The CSS property to change the border of an element to YUV 101.6750, -7.2348, -12.8700 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(87, 112, 87) }
```


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

```
.border{ border-color:rgb(87, 112, 87) }
```

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

Here you see how a box with a 4 pixel rgb(87, 112, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(87, 112,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 101.6750, -7.2348, -12.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 112, 87) }
```

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

```
.background{ background-color: rgb(87, 112,  
87) }
```

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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