

Converting Colors

YUV(107.3250, 7.2348, 12.8700)

Have a look what the booklet for
YUV(107.3250, 7.2348, 12.8700)
contains.

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Color

**YUV(107.3250, 7.2348,
12.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	7A617A
RGB	122, 97, 122
RGB Percent	48%, 38%, 48%
CMY	0.5216, 0.6196, 0.5216
CMYK	0.00, 0.20, 0.00, 0.52
HSL	300°, 11%, 43%
HSV	300°, 20%, 48%
XYZ	15.8136, 14.0921, 20.2989
YIQ	107.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

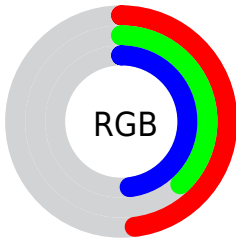
Format	Color
R_{YB}	122, 97, 122
Decimal	8020346
CIE _{Lab}	44.36, 14.81, -10.18
CIE _{LCh}	44, 17.967, 325.504
Yxy	14.0921, 0.3150, 0.2807
Android (android.graphics.Color)	4286210426 (0xFF7A617A)
YUV	107.3250, 7.2348, 12.8700
Hunter-Lab	37.5395, 9.4995, -5.7826

Details

The YUV color **107.3250, 7.2348, 12.8700** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.6750, -7.2348, -12.8700**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0370, 7.3768, 13.9996**, and **59.4990, 6.6560, 11.8404** is the 20% darker color. If you saturate the color by 10%, you get **100.2810, 10.7075, 19.0476**, and if you desaturate by 10%, it is **114.3690, 3.7621, 6.6924**.

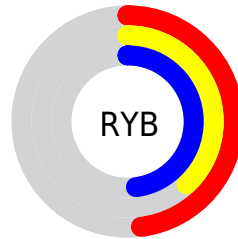
Distribution



Red (48%)

Green (38%)

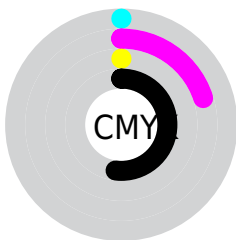
Blue (48%)



Red (48%)

Yellow (38%)

Blue (48%)

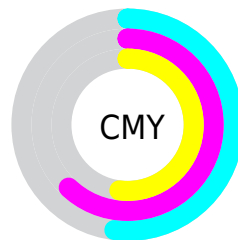


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3250, 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 107.3250, 7.2348, 12.8700 by changing the saturation by 10% instead.

■ 107.3250, 7.2348,
12.8700

■ 107.3250, 7.2348,
12.8700

■ 255.0000, 0.0000,
0.0000

■ 82.9120, 6.9454,
12.3552

■ 159.0370, 7.3768,
13.9996

■ 59.4990, 6.6560,
11.8404

■ 185.5640, 8.1029,
14.4144

■ 37.7870, 6.5140,
10.7108

■ 213.5640, 8.1029,
14.4144

■ 15.3250, 7.2348,
12.8700

■ 240.3250, 7.2348,
12.8700

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 107.3250, 7.2348,
12.8700

■ 107.3250, 7.2348,
12.8700

■ 100.2810, 10.7075,
19.0476

■ 114.3690, 3.7621,
6.6924

■ 93.2370, 14.1802,
25.2252

■ 121.4130, 0.2894,
0.5148

■ 85.6060, 17.9422,
31.9175

■ 129.0440, -3.4727,
-6.1776

■ 78.5620, 21.4149,
38.0951

■ 136.0880, -6.9454,
-12.3552

■ 71.5180, 24.8876,
44.2727

■ 143.1320,
-10.4181, -18.5328

■ 64.4740, 28.3603,
50.4503

■ 150.1760,
-13.8908, -24.7104

■ 57.4300, 31.8330,
56.6279


■ 157.2200,
-17.3635, -30.8879

■ 50.3860, 35.3057,

■ 164.8510,

62.8055

-21.1255, -37.5803

 171.8950,
-24.5982, -43.7579

Harmonies

Analogous

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



106.0180, 12.8091, -1.7698



107.3250, 7.2348, 12.8700



107.2570, 0.3663, 22.5766

Triad

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



107.3250, 7.2348, 12.8700



104.2930, -14.4414, 12.0210



97.9080, 9.4124, -32.3683

Complementary

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



107.3250, 7.2348, 12.8700



111.6750, -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.



98.5900, 1.6811, -25.9504



107.3250, 7.2348, 12.8700



102.7860, -12.2195, -0.6893

Square

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



107.3250, 7.2348, 12.8700



105.6300, -12.1426, 21.3725



100.6040, -6.2138, -13.6847



99.5970, 14.4957, -29.4646

Rectangle

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



107.3250, 7.2348, 12.8700



106.7150, -4.2965, 24.8059



100.6040, -6.2138, -13.6847



97.6370, 7.0810, -31.2536

Sweetspot

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



107.3250, 7.2348, 12.8700



152.7170, 2.6045, 4.6332



99.8500, 10.9199, -2.4995



76.0650, 1.4470, 2.5740



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



107.3250, 7.2348, 12.8700



135.1070, 11.2862, 20.0772



105.9570, 1.9932, 14.0697



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



107.3250, 7.2348, 12.8700



135.1070, 11.2862, 20.0772



113.1570, -1.5564, -14.1697



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 107.3250, 7.2348, 12.8700 looks on a white background.

Color Contrast Check

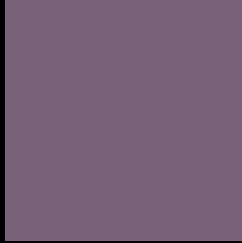
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.3250, 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 107.3250, 7.2348, 12.8700

Background



This preview shows how black text looks on a background with the YUV color 107.3250, 7.2348, 12.8700.



This preview shows how white text looks on a background with the YUV color 107.3250, 7.2348,

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

107.3250, 7.2348, 12.8700

Protanopia

105.4260, 10.6360, -4.7586

Deuteranopia

105.9600, 7.4147, 1.7891



Tritanopia

106.7780, 0.1094, 11.5957

Trichromacy



Original Color

107.3250, 7.2348, 12.8700

Protanomaly

105.8290, 9.4513, 1.9040

Deuteranomaly

106.2810, 7.2565, 5.8926

Tritanomaly

107.0600, 2.4354, 12.2254

Monochromacy



Original Color

107.3250, 7.2348, 12.8700

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3250, 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(122, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 97, 122)  
}
```

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(122, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 97, 122) }
```

Border

The CSS property to change the border of an element to YUV 107.3250, 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(122, 97, 122) }
```


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

```
.border{ border-color:rgb(122, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(122, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 97,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 107.3250, 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(122, 97, 122) }
```

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

```
.background{ background-color: rgb(122, 97,  
122) }
```

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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