

Converting Colors

YUV(107.2740, 14.6549,
12.9147)

Have a look what the booklet for
YUV(107.2740, 14.6549, 12.9147)
contains.

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Color

**YUV(107.2740, 14.6549,
12.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5E89
RGB	122, 94, 137
RGB Percent	48%, 37%, 54%
CMY	0.5216, 0.6314, 0.4627
CMYK	0.11, 0.31, 0.00, 0.46
HSL	279°, 19%, 45%
HSV	279°, 31%, 54%
XYZ	16.5441, 13.9491, 25.4874
YIQ	107.2740, 2.8850, 19.3090

Conversions

Conversions Part 2

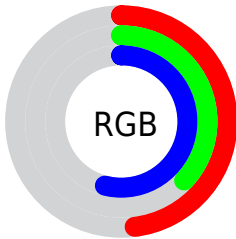
Format	Color
R_{YB}	122, 94, 137
Decimal	8019593
CIE Lab	44.16, 19.86, -19.54
CIE LCh	44, 27.859, 315.476
Yxy	13.9491, 0.2955, 0.2492
Android (android.graphics.Color)	4286209673 (0xFF7A5E89)
YUV	107.2740, 14.6549, 12.9147
Hunter-Lab	37.3485, 13.7094, -14.3167

Details

The YUV color **107.2740, 14.6549, 12.9147** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.7260, -14.6549, -12.9147**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2140, 15.6705, 13.8443**, and **59.3340, 13.6393, 11.9851** is the 20% darker color. If you saturate the color by 10%, you get **97.5610, 19.4434, 17.0480**, and if you desaturate by 10%, it is **116.9870, 9.8664, 8.7814**.

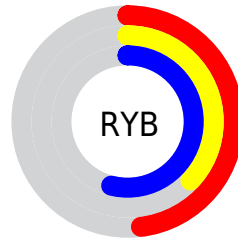
Distribution



Red (48%)

Green (37%)

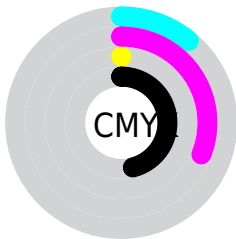
Blue (54%)



Red (48%)

Yellow (37%)

Blue (54%)

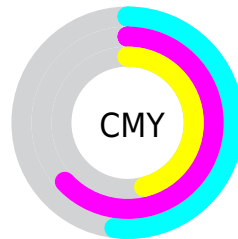


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2740, 14.6549, 12.9147 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 107.2740, 14.6549, 12.9147 by changing the saturation by 10% instead.

■ 107.2740, 14.6549,
12.9147

■ 107.2740, 14.6549,
12.9147

■ 255.0000, 0.0000,
0.0000

■ 82.8610, 14.3655,
12.3999

■ 159.2140, 15.6705,
13.8443

■ 59.3340, 13.6393,
11.9851

■ 185.9260, 15.8125,
14.9739

■ 37.2090, 13.2080,
10.3407

■ 214.0400, 16.2493,
14.8739

■ 14.5190, 13.0551,
12.6998

■ 238.5640, 8.1029,
14.4144

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

107.2740, 14.6549,
12.9147

107.2740, 14.6549,
12.9147

97.5610, 19.4434,
17.0480

116.9870, 9.8664,
8.7814

88.4350, 23.9425,
20.6665

126.1130, 5.3673,
5.1629

79.0210, 28.5836,
25.4146

135.5270, 0.7262,
0.4148

69.3080, 33.3722,
29.5479

145.2400, -4.0623,
-3.7185

60.1820, 37.8713,
33.1664

154.9530, -8.8508,
-7.8518

50.4690, 42.6598,
37.2997


164.0790,
-13.3499, -11.4703

42.2290, 46.7221,
41.0182

173.4930,
-17.9910, -16.2184

183.2060,

-22.7796, -20.3517

 192.3320,
-27.2787, -23.9702

Harmonies

Analogous

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



104.3570, 22.0090, -12.5911



107.2740, 14.6549, 12.9147



107.4520, 4.7072, 30.2986

Triad

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



107.2740, 14.6549, 12.9147



103.5240, -21.4573, 22.3425



83.6970, 15.9254, -68.1403

Complementary

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



107.2740, 14.6549, 12.9147



123.7260, -14.6549, -12.9147

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.



93.8290, -0.9017, -37.5610



107.2740, 14.6549, 12.9147



101.8270, -21.1137, 5.4137

Square

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



107.2740, 14.6549, 12.9147



104.6810, -16.1117, 34.4828



98.9430, -13.7759, -14.8590



83.1230, 26.5614, -72.8989

Rectangle

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



107.2740, 14.6549, 12.9147



106.2480, -2.5873, 36.6165



98.9430, -13.7759, -14.8590



88.4660, 9.6303, -55.6597

Sweetspot

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



107.2740, 14.6549, 12.9147



167.2270, 5.8041, 5.0629



107.7070, 14.4414, -12.0210



82.2330, 3.3361, 3.3037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



107.2740, 14.6549, 12.9147



131.9080, 23.2164, 20.2517



111.0750, 9.8230, 22.7362



63.9940, 2.4680, 1.7593



40.8760, 45.4171, 39.5737



1.4670, 1.7418, 1.3444

Inverse Universe

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



108.5670, 0.2135, 24.9357



133.9540, 0.0227, 39.5053



119.9250, -9.8230, -22.7362



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 107.2740, 14.6549, 12.9147 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 107.2740, 14.6549, 12.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

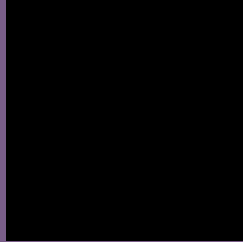
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2740, 14.6549, 12.9147

Background



This preview shows how black text looks on a background with the YUV color 107.2740, 14.6549, 12.9147.



This preview shows how white text looks on a background with the YUV color 107.2740, 14.6549, 12.9147.

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

107.2740, 14.6549, 12.9147

Protanopia

104.6840, 19.3828, -10.2469

Deuteranopia

105.1530, 14.7146, -6.2732



Tritanopia

105.9950, 0.9885, 9.6514

Trichromacy



Original Color

107.2740, 14.6549, 12.9147

Protanomaly

105.8700, 17.3191, -1.6400

Deuteranomaly

106.1970, 14.6929, 0.7042

Tritanomaly

106.6730, 6.0772, 10.8108

Monochromacy



Original Color

107.2740, 14.6549, 12.9147

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2740, 14.6549, 12.9147 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, 94, 137)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 137)  
}
```

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, 94, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 137) }
```

Border

The CSS property to change the border of an element to YUV 107.2740, 14.6549, 12.9147 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, 94, 137) }
```


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

```
.border{ border-color:rgb(122, 94, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 94, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 94, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 94, 137);  
box-shadow:4px 4px 4px 4px rgb(122, 94,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 107.2740, 14.6549, 12.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 137) }
```

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

```
.background{ background-color: rgb(122, 94,  
137) }
```

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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