

Converting Colors

YUV(147.2530, -0.1247,
40.1201)

Have a look what the booklet for
YUV(147.2530, -0.1247, 40.1201)
contains.

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Color

**YUV(147.2530, -0.1247,
40.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	C17C93
RGB	193, 124, 147
RGB Percent	76%, 49%, 58%
CMY	0.2431, 0.5137, 0.4235
CMYK	0.00, 0.36, 0.24, 0.24
HSL	340°, 36%, 62%
HSV	340°, 36%, 76%
XYZ	34.4664, 27.8593, 31.1646
YIQ	147.2530, 33.7410, 21.7810

Conversions

Conversions Part 2

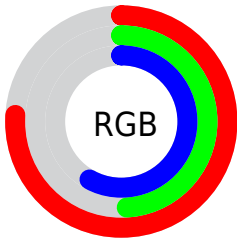
Format	Color
R _Y B	193, 124, 147
Decimal	12680339
CIE Lab	59.76, 29.99, -1.18
CIE LCh	60, 30.017, 357.744
Yxy	27.8593, 0.3687, 0.2980
Android (android.graphics.Color)	4290870419 (0xFFC17C93)
YUV	147.2530, -0.1247, 40.1201
Hunter-Lab	52.7820, 24.1915, 1.9402

Details

The YUV color $147.2530, -0.1247, 40.1201$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $169.7470, 0.1247, -40.1201$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.8620, -0.4250, 43.0940$, and $95.7580, 0.6123, 37.0462$ is the 20% darker color. If you saturate the color by 10%, you get $134.6180, -0.3047, 51.2010$, and if you desaturate by 10%, it is $159.8880, 0.0552, 29.0392$.

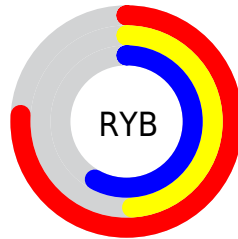
Distribution



Red (76%)

Green (49%)

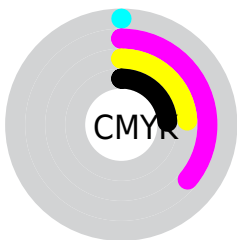
Blue (58%)



Red (76%)

Yellow (49%)

Blue (58%)

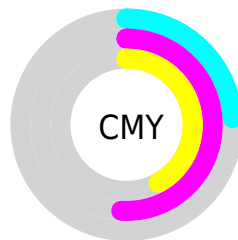


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2530, -0.1247, 40.1201 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 147.2530, -0.1247, 40.1201 by changing the saturation by 10% instead.

 147.2530, -0.1247,
40.1201


 147.2530, -0.1247,
40.1201


255.0000, 0.0000,
0.0000

 120.6550, 0.1701,
38.8906


 201.8620, -0.4250,
43.0940

 95.7580, 0.6123,
37.0462


 222.6860, 3.1128,
28.3394

 70.8610, 1.0545,
35.2019

 242.6730, 6.0772,
10.8108

 46.6760, 1.6387,
34.4871

 21.8330, 3.5333,
33.4725

 12.6010, -4.7333,
24.9059

 0.0000, 0.0000,

0.0000

■ 147.2530, -0.1247,
40.1201

■ 147.2530, -0.1247,
40.1201

■ 134.6180, -0.3047,
51.2010

■ 159.8880, 0.0552,
29.0392

■ 121.3960, -0.1952,
62.7967

■ 173.1100, -0.0542,
17.4435

■ 108.7610, -0.3752,
73.8776

■ 185.7450, 0.1257,
6.3626

■ 96.2400, -0.1183,
84.8585

■ 198.2660, -0.1311,
-4.6183

■ 83.6050, -0.2983,
95.9394

■ 211.4880, -0.2406,
-16.2140

■ 70.3830, -0.1888,
107.5351

■ 224.1230, -0.0606,
-27.2949

■ 65.0030, -0.4945,
112.2534

■ 234.4100, 1.2769,
-36.3166

■ 235.8920, 6.9552,
-37.6163

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



148.0690, 12.2910, 24.4955



147.2530, -0.1247, 40.1201



146.3600, -12.5025, 43.5343

Triad

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



147.2530, -0.1247, 40.1201



139.6580, -21.5234, -3.2081



130.9660, 28.1178, -58.7292

Complementary

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



147.2530, -0.1247, 40.1201



169.7470, 0.1247, -40.1201

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.



126.8480, 20.2879, -67.3957



147.2530, -0.1247, 40.1201



135.7890, -10.2490, -26.1250

Square

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



147.2530, -0.1247, 40.1201



142.7640, -25.5197, 18.6240



130.6470, 5.1040, -50.5564



139.7290, 27.7416, -31.3343

Rectangle

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



147.2530, -0.1247, 40.1201



145.2040, -19.3276, 39.2861



130.6470, 5.1040, -50.5564



128.7650, 26.2449, -64.6919

Sweetspot

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



147.2530, -0.1247, 40.1201



231.5120, 0.2406, 16.2140



145.6200, 23.3583, 21.3813



114.3540, -0.1745, 9.3365



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



147.2530, -0.1247, 40.1201



178.3960, -0.1952, 62.7967



151.6750, -13.6438, 36.2420



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Inverse Universe

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



147.2530, -0.1247, 40.1201



178.3960, -0.1952, 62.7967



165.3250, 13.6438, -36.2420



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 147.2530, -0.1247, 40.1201 looks on a white background.

Color Contrast Check

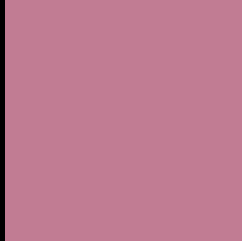
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 147.2530, -0.1247, 40.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

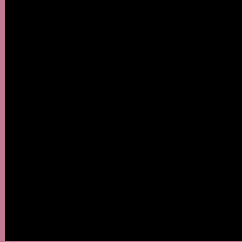
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2530, -0.1247, 40.1201

Background



This preview shows how black text looks on a background with the YUV color 147.2530, -0.1247, 40.1201.



This preview shows how white text looks on a background with the YUV color 147.2530, -0.1247,

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

147.2530, -0.1247, 40.1201

Protanopia

144.8240, 6.9888, -1.5996

Deuteranopia

145.8380, -0.9061, 10.6661



Tritanopia

146.7600, -5.7977, 39.6755

Trichromacy



Original Color

147.2530, -0.1247, 40.1201

Protanomaly

145.6410, 4.6140, 13.4698

Deuteranomaly

146.3170, -0.6493, 21.6470

Tritanomaly

146.6290, -3.7611, 39.7904

Monochromacy



Original Color

147.2530, -0.1247, 40.1201

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3870, -0.1908, 14.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2530, -0.1247, 40.1201 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(193, 124, 147)` looks like.

```
.text, #text, p{  
    color:rgb(193, 124, 147)  
}
```

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(193, 124, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 124, 147) }
```

Border

The CSS property to change the border of an element to YUV 147.2530, -0.1247, 40.1201 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(193, 124, 147) }
```


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

```
.border{ border-color:rgb(193, 124, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 124, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 124, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 124, 147);  
box-shadow:4px 4px 4px 4px rgb(193, 124,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 147.2530, -0.1247, 40.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 124, 147) }
```

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

```
.background{ background-color: rgb(193,  
124, 147) }
```

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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