

Converting Colors

YUV(140.3940, 2.7638, 47.0125)

Have a look what the booklet for
YUV(140.3940, 2.7638, 47.0125)
contains.

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Color

**YUV(140.3940, 2.7638,
47.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	C27092
RGB	194, 112, 146
RGB Percent	76%, 44%, 57%
CMY	0.2392, 0.5608, 0.4275
CMYK	0.00, 0.42, 0.25, 0.24
HSL	335°, 40%, 60%
HSV	335°, 42%, 76%
XYZ	33.2306, 25.1330, 30.2938
YIQ	140.3940, 37.9580, 27.9580

Conversions

Conversions Part 2

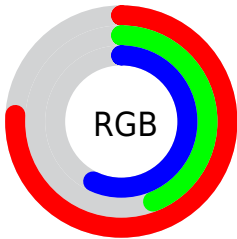
Format	Color
RYB	194, 112, 146
Decimal	12742802
CIELab	57.20, 36.70, -4.35
CIELCh	57, 36.957, 353.240
Yxy	25.1330, 0.3748, 0.2835
Android (android.graphics.Color)	4290932882 (0xFFC27092)
YUV	140.3940, 2.7638, 47.0125
Hunter-Lab	50.1328, 30.5865, -0.7343

Details

The YUV color **140.3940, 2.7638, 47.0125** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **165.6060, -2.7638, -47.0125**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0030, 2.4635, 49.9864**, and **88.0130, 3.9376, 43.8386** is the 20% darker color. If you saturate the color by 10%, you get **127.9870, 3.4574, 57.8934**, and if you desaturate by 10%, it is **152.8010, 2.0701, 36.1315**.

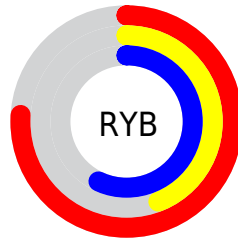
Distribution



Red (76%)

Green (44%)

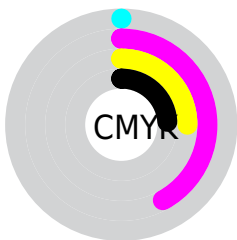
Blue (57%)



Red (76%)

Yellow (44%)

Blue (57%)

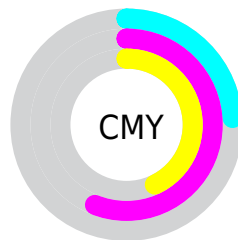


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (24%)



Cyan (24%)


Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.3940, 2.7638, 47.0125 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 140.3940, 2.7638, 47.0125 by changing the saturation by 10% instead.


 140.3940, 2.7638,
47.0125

 140.3940, 2.7638,
47.0125


255.0000, 0.0000,
0.0000

 113.7960, 3.0586,
45.7829


 195.0030, 2.4635,
49.9864


 88.0130, 3.9376,
43.8386


 215.5280, 6.1487,
34.6169


 62.5290, 4.6692,
42.5091

 235.0420, 9.8393,
17.5032

 35.8110, 6.9952,
43.1388

 252.0650, 1.4470,
2.5740

 21.2460, 3.8227,
33.9873

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 140.3940, 2.7638,
47.0125

■ 140.3940, 2.7638,
47.0125

■ 127.9870, 3.4574,
57.8934

■ 152.8010, 2.0701,
36.1315

■ 114.8790, 4.0037,
69.3891

■ 165.9090, 1.5239,
24.6358

■ 102.4720, 4.6973,
80.2701

■ 178.3160, 0.8302,
13.7549

■ 89.4780, 5.6803,
91.6658

■ 191.3100, -0.1528,
2.3591

■ 76.9570, 5.9372,
102.6467

■ 203.8310, -0.4097,
-8.6218

■ 67.1260, 6.3469,
111.2685

■ 216.2380, -1.1033,
-19.5027

■ 229.2320, -2.0864,
-30.8985

■ 234.7090, 1.1295,
-35.7018

■ 235.9630, 5.9342,
-36.8016

Harmonies

Analogous

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



141.6330, 16.9429, 25.7549



140.3940, 2.7638, 47.0125



138.8280, -12.2402, 52.7708

Triad

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



140.3940, 2.7638, 47.0125



132.0730, -27.6440, -0.0640



109.4820, 38.7094, -96.0157

Complementary

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



140.3940, 2.7638, 47.0125



165.6060, -2.7638, -47.0125

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.



108.8660, 26.1951, -95.4755



140.3940, 2.7638, 47.0125



127.3280, -14.4587, -29.2287

Square

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



140.3940, 2.7638, 47.0125



135.4290, -30.7775, 25.0568



118.2600, 5.2948, -65.1260



128.0840, 35.9476, -50.0627

Rectangle

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



140.3940, 2.7638, 47.0125



137.8030, -21.1019, 48.4078



118.2600, 5.2948, -65.1260



109.8580, 35.0730, -96.3455

Sweetspot

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



140.3940, 2.7638, 47.0125



231.0500, 0.9613, 18.3731



135.7000, 28.7419, 21.3111



114.3050, 0.8356, 12.0105



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



140.3940, 2.7638, 47.0125



168.3140, 4.2822, 73.3926



140.6270, -14.1131, 46.8081



90.4460, 0.2731, 5.7479



55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Inverse Universe

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



140.3940, 2.7638, 47.0125



168.3140, 4.2822, 73.3926



165.3730, 14.1131, -46.8081



90.4460, 0.2731, 5.7479



55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 140.3940, 2.7638, 47.0125 looks on a white background.

Color Contrast Check

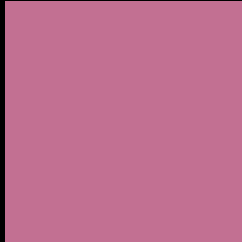
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3940, 2.7638, 47.0125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

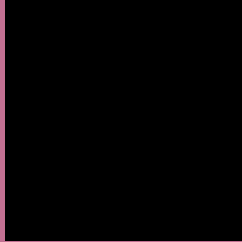
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.3940, 2.7638, 47.0125

Background



This preview shows how black text looks on a background with the YUV color 140.3940, 2.7638, 47.0125.



This preview shows how white text looks on a background with the YUV color 140.3940, 2.7638,

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

140.3940, 2.7638, 47.0125

Protanopia

138.6540, 11.5096, -4.9586

Deuteranopia

139.3970, 1.2833, 8.4218



Tritanopia

139.7500, -7.2717, 45.8233

Trichromacy



Original Color

140.3940, 2.7638, 47.0125

Protanomaly

139.2650, 8.2504, 13.7996

Deuteranomaly

139.5990, 1.6767, 22.2767

Tritanomaly

140.3740, -3.6354, 46.1530

Monochromacy



Original Color

140.3940, 2.7638, 47.0125

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3380, 0.8194, 17.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3940, 2.7638, 47.0125 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(194, 112, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 146)  
}
```

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(194, 112, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 146) }
```

Border

The CSS property to change the border of an element to YUV 140.3940, 2.7638, 47.0125 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(194, 112, 146) }
```


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

```
.border{ border-color:rgb(194, 112, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 146);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 140.3940, 2.7638, 47.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 146) }
```

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

```
.background{ background-color: rgb(194,  
112, 146) }
```

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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