

Converting Colors

YUV(146.9050, 1.0328, 42.1793)

Have a look what the booklet for
YUV(146.9050, 1.0328, 42.1793)
contains.

YUV(146.9050, 1.0328, 42.1793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.9050, 1.0328,
42.1793)**

Conversions

Conversions Part 1

Format	Color
Hex	C37A95
RGB	195, 122, 149
RGB Percent	76%, 48%, 58%
CMY	0.2353, 0.5216, 0.4157
CMYK	0.00, 0.37, 0.24, 0.24
HSL	338°, 38%, 62%
HSV	338°, 37%, 76%
XYZ	34.8900, 27.6911, 31.9398
YIQ	146.9050, 34.8410, 23.8730

Conversions

Conversions Part 2

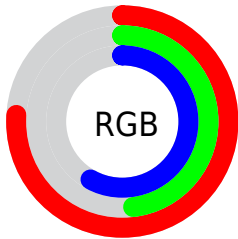
Format	Color
R _Y B	195, 122, 149
Decimal	12810901
CIE Lab	59.61, 32.11, -2.53
CIE LCh	60, 32.207, 355.497
Yxy	27.6911, 0.3691, 0.2930
Android (android.graphics.Color)	4291000981 (0xFFC37A95)
YUV	146.9050, 1.0328, 42.1793
Hunter-Lab	52.6223, 26.2612, 0.8488

Details

The YUV color **146.9050, 1.0328, 42.1793** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.0950, -1.0328, -42.1793**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5140, 0.7326, 45.1532**, and **95.2960, 1.3331, 39.2054** is the 20% darker color. If you saturate the color by 10%, you get **134.3840, 1.2897, 53.1602**, and if you desaturate by 10%, it is **160.0130, 0.4866, 30.6836**.

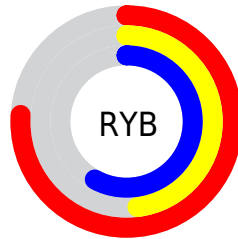
Distribution



Red (76%)

Green (48%)

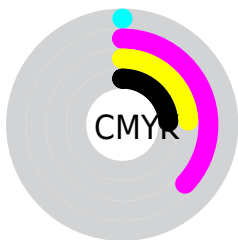
Blue (58%)



Red (76%)

Yellow (48%)

Blue (58%)

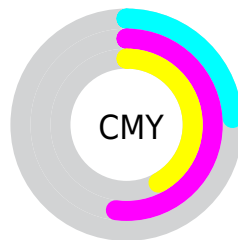


Cyan (0%)

Magenta (37%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9050, 1.0328, 42.1793 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 146.9050, 1.0328, 42.1793 by changing the saturation by 10% instead.


 146.9050, 1.0328,
42.1793

 146.9050, 1.0328,
42.1793


255.0000, 0.0000,
0.0000


 120.3070, 1.3276,
40.9498


 201.5140, 0.7326,
45.1532


 95.2960, 1.3331,
39.2054


 221.7400, 4.5652,
29.1690

 69.9260, 2.5015,
37.7759

 241.4990, 6.6560,
11.8404

 45.4420, 3.2331,
36.4464

 22.0720, 4.4015,
35.0169

 13.2420, -3.5703,
25.2208

 0.0000, 0.0000,

0.0000

■ 146.9050, 1.0328,
42.1793

■ 146.9050, 1.0328,
42.1793

■ 134.3840, 1.2897,
53.1602

■ 160.0130, 0.4866,
30.6836

■ 121.1620, 1.3991,
64.7559

■ 172.6480, 0.6665,
19.6027

■ 108.6410, 1.6560,
75.7368

■ 185.7560, 0.1203,
8.1070

■ 95.5330, 2.2022,
87.2326

■ 198.2770, -0.1366,
-2.8739

■ 82.4250, 2.7485,
98.7283

■ 210.7980, -0.3934,
-13.8548

■ 69.7900, 2.5685,
109.8092

■ 224.0200, -0.5029,
-25.4505

■ 66.5130, 2.7051,
112.6831

■ 234.7800, 0.1085,
-34.8871

■ 236.1480, 5.3500,
-36.0868

■ 237.0600, 8.8444,
-36.8866

Harmonies

Analogous

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



147.5250, 14.0382, 24.0956



146.9050, 1.0328, 42.1793



145.4960, -12.0765, 46.9230

Triad

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



146.9050, 1.0328, 42.1793



139.2130, -23.2760, -1.0638



126.8830, 30.6237, -69.1804

Complementary

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



146.9050, 1.0328, 42.1793



170.0950, -1.0328, -42.1793

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.



121.6510, 22.3571, -77.7469



146.9050, 1.0328, 42.1793



134.7350, -11.7014, -26.9546

Square

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



146.9050, 1.0328, 42.1793



141.7320, -26.9829, 21.2830



129.3970, 4.2413, -53.8452



138.3800, 30.3787, -37.1673

Rectangle

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



146.9050, 1.0328, 42.1793



144.6990, -20.0646, 42.3600



129.3970, 4.2413, -53.8452



123.1980, 29.4824, -76.4726

Sweetspot

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



146.9050, 1.0328, 42.1793



234.2130, 0.3880, 15.5992



143.7770, 25.2529, 20.3666



116.7670, 0.1149, 9.8513



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.



146.9050, 1.0328, 42.1793



177.5750, 1.6885, 65.2707



149.1100, -13.3652, 40.2455



90.4460, 0.2731, 5.7479



54.8650, 2.0386, 93.0804



11.2350, 0.3771, 19.0879

Inverse Universe

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



146.9050, 1.0328, 42.1793



177.5750, 1.6885, 65.2707



167.8900, 13.3652, -40.2455



90.4460, 0.2731, 5.7479



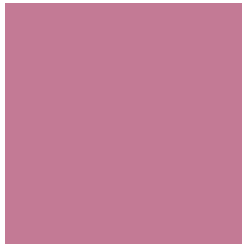
54.8650, 2.0386, 93.0804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 146.9050, 1.0328, 42.1793 looks on a white background.

Color Contrast Check

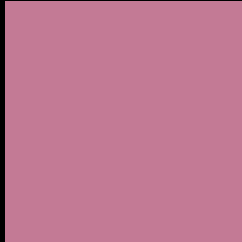
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9050, 1.0328, 42.1793 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 146.9050, 1.0328, 42.1793

Background



This preview shows how black text looks on a background with the YUV color 146.9050, 1.0328, 42.1793.



This preview shows how white text looks on a background with the YUV color 146.9050, 1.0328,

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

146.9050, 1.0328, 42.1793

Protanopia

144.5680, 8.5940, -3.1291

Deuteranopia

145.1800, 0.4043, 10.3661



Tritanopia

146.3580, -6.0925, 40.9050

Trichromacy



Original Color

146.9050, 1.0328, 42.1793

Protanomaly

145.2820, 5.7770, 13.7847

Deuteranomaly

145.9580, 0.5137, 21.9618

Tritanomaly

146.6400, -3.7665, 41.5347

Monochromacy



Original Color

146.9050, 1.0328, 42.1793

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9050, 1.0328, 42.1793 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(195, 122, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 122, 149)  
}
```

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(195, 122, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 122, 149) }
```

Border

The CSS property to change the border of an element to YUV 146.9050, 1.0328, 42.1793 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(195, 122, 149) }
```


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

```
.border{ border-color:rgb(195, 122, 149) }
```

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

Here you see how a box with a 4 pixel rgb(195, 122, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 122, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 122, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 122,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 146.9050, 1.0328, 42.1793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 122, 149) }
```

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

```
.background{ background-color: rgb(195,  
122, 149) }
```

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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