

Converting Colors

YUV(112.7830, 12.9250,
54.5643)

Have a look what the booklet for
YUV(112.7830, 12.9250, 54.5643)
contains.

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Color

**YUV(112.7830, 12.9250,
54.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4C8B
RGB	175, 76, 139
RGB Percent	69%, 30%, 55%
CMY	0.3137, 0.7020, 0.4549
CMYK	0.00, 0.57, 0.21, 0.31
HSL	322°, 39%, 49%
HSV	322°, 57%, 69%
XYZ	24.9238, 16.1469, 26.2291
YIQ	112.7830, 38.7810, 40.5810

Conversions

Conversions Part 2

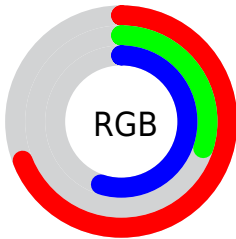
Format	Color
RYB	175, 76, 139
Decimal	11488395
CIELab	47.17, 47.76, -15.54
CIELCh	47, 50.226, 341.983
Yxy	16.1469, 0.3703, 0.2399
Android (android.graphics.Color)	4289678475 (0xFFAF4C8B)
YUV	112.7830, 12.9250, 54.5643
Hunter-Lab	40.1832, 40.3948, -10.5726

Details

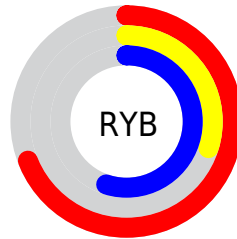
The YUV color **112.7830, 12.9250, 54.5643** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.2170, -12.9250, -54.5643**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3920, 12.6247, 57.5382**, and **57.1790, 15.6878, 55.0940** is the 20% darker color. If you saturate the color by 10%, you get **102.1200, 15.2238, 63.9158**, and if you desaturate by 10%, it is **124.0330, 10.3367, 44.6981**.

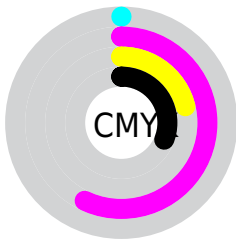
Distribution



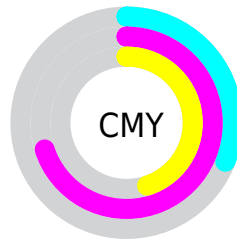
- Red (69%)
- Green (30%)
- Blue (55%)



- Red (69%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (57%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7830, 12.9250, 54.5643 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 112.7830, 12.9250, 54.5643 by changing the saturation by 10% instead.

■ 112.7830, 12.9250,
54.5643

■ 112.7830, 12.9250,
54.5643

■ 255.0000, 0.0000,
0.0000

■ 85.5980, 13.5092,
53.8496

■ 167.3920, 12.6247,
57.5382

■ 57.1790, 15.6878,
55.0940

■ 192.8970, 13.3618,
54.4643

■ 35.2170, 14.6830,
50.6757

■ 212.6390, 17.9260,
37.1506

■ 24.9350, 8.9060,
36.8910

■ 230.3460, 12.1544,
21.6216

■ 15.4790, 3.7079,
24.1359

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

■ 112.7830, 12.9250,
54.5643

■ 112.7830, 12.9250,
54.5643

■ 102.1200, 15.2238,
63.9158

■ 124.0330, 10.3367,
44.6981

■ 90.7560, 17.3753,
73.8820

■ 134.8100, 8.4747,
35.2466

■ 80.0930, 19.6742,
83.2334

■ 146.0600, 5.8864,
25.3804

■ 68.8430, 22.2624,
93.0997

■ 156.7230, 3.5876,
16.0289

■ 64.9790, 22.6884,
96.4884

■ 167.5000, 1.7255,
6.5775

■ 178.7500, -0.8628,
-3.2887

■ 190.1140, -3.0142,
-13.2550

■ 200.7770, -5.3131,

-22.6064

 212.0270, -7.9013,
-32.4727

Harmonies

Analogous

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



115.2050, 29.4789, 18.2372



112.7830, 12.9250, 54.5643



108.9470, -5.8899, 69.3295

Triad

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



112.7830, 12.9250, 54.5643



104.7250, -43.2484, 11.6422



95.3480, 35.3244, -83.6202

Complementary

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



112.7830, 12.9250, 54.5643



138.2170, -12.9250, -54.5643

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.



92.0760, 17.7105, -80.7507



112.7830, 12.9250, 54.5643



99.3210, -27.2733, -25.7145

Square

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



112.7830, 12.9250, 54.5643



107.7100, -40.2830, 40.5963



85.8860, -0.9298, -75.3220



94.6760, 47.9807, -83.0309

Rectangle

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



112.7830, 12.9250, 54.5643



109.0810, -19.2669, 66.5810



85.8860, -0.9298, -75.3220



94.6810, 30.2303, -83.0352

Sweetspot

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



112.7830, 12.9250, 54.5643



202.5110, 5.1711, 21.4769



97.7510, 38.0838, 11.6194



100.4730, 2.7248, 12.7402



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



112.7830, 12.9250, 54.5643



130.2180, 20.1055, 84.8778



107.3110, -8.0413, 59.3633



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402

Inverse Universe

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



112.7830, 12.9250, 54.5643



130.2180, 20.1055, 84.8778



143.6890, 8.0413, -59.3633



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 112.7830, 12.9250, 54.5643 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 112.7830, 12.9250, 54.5643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

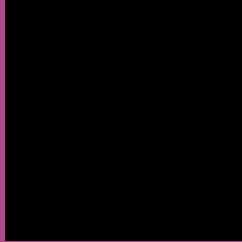
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7830, 12.9250, 54.5643

Background



This preview shows how black text looks on a background with the YUV color 112.7830, 12.9250, 54.5643.



This preview shows how white text looks on a background with the YUV color 112.7830, 12.9250,

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

112.7830, 12.9250, 54.5643

Protanopia

112.3720, 25.9456, -15.2352

Deuteranopia

113.6330, 10.0409, -0.5551



Tritanopia

112.8000, -9.7614, 51.0414

Trichromacy



Original Color

112.7830, 12.9250, 54.5643

Protanomaly

112.3860, 21.5017, 10.1855

Deuteranomaly

113.6940, 10.9969, 19.5624

Tritanomaly

112.6890, -1.3257, 52.0157

Monochromacy



Original Color

112.7830, 12.9250, 54.5643

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2720, 4.3029, 19.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7830, 12.9250, 54.5643 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(175, 76, 139)` looks like.

```
.text, #text, p{  
    color:rgb(175, 76, 139)  
}
```

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(175, 76, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 76, 139) }
```

Border

The CSS property to change the border of an element to YUV 112.7830, 12.9250, 54.5643 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(175, 76, 139) }
```


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

```
.border{ border-color:rgb(175, 76, 139) }
```

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

Here you see how a box with a 4 pixel rgb(175, 76, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 76, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 76, 139);  
box-shadow:4px 4px 4px 4px rgb(175, 76,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 112.7830, 12.9250, 54.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 76, 139) }
```

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

```
.background{ background-color: rgb(175, 76,  
139) }
```

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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