

Converting Colors

YUV(113.2880, 13.6620,
51.4904)

Have a look what the booklet for
YUV(113.2880, 13.6620, 51.4904)
contains.

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Color

**YUV(113.2880, 13.6620,
51.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4E8D
RGB	172, 78, 141
RGB Percent	67%, 31%, 55%
CMY	0.3255, 0.6941, 0.4471
CMYK	0.00, 0.55, 0.18, 0.33
HSL	320°, 38%, 49%
HSV	320°, 55%, 67%
XYZ	24.5454, 16.1425, 27.0214
YIQ	113.2880, 35.8010, 39.5210

Conversions

Conversions Part 2

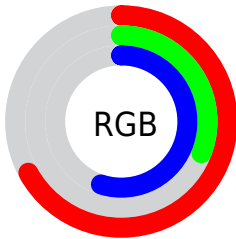
Format	Color
R_{YB}	172, 78, 141
Decimal	11292301
CIE _{Lab}	47.16, 46.16, -16.79
CIE _{LCh}	47, 49.117, 340.017
Yxy	16.1425, 0.3625, 0.2384
Android (android.graphics.Color)	4289482381 (0xFFAC4E8D)
YUV	113.2880, 13.6620, 51.4904
Hunter-Lab	40.1778, 38.7380, -11.7509

Details

The YUV color **113.2880, 13.6620, 51.4904** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **136.7120, -13.6620, -51.4904**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5980, 13.5092, 53.8496**, and **58.8580, 15.8460, 50.9905** is the 20% darker color. If you saturate the color by 10%, you get **102.6250, 15.9609, 60.8419**, and if you desaturate by 10%, it is **123.9510, 11.3632, 42.1390**.

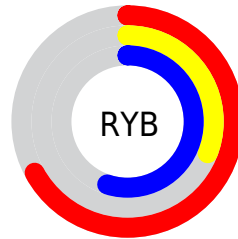
Distribution



Red (67%)

Green (31%)

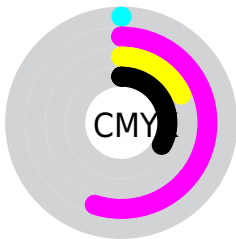
Blue (55%)



Red (67%)

Yellow (31%)

Blue (55%)

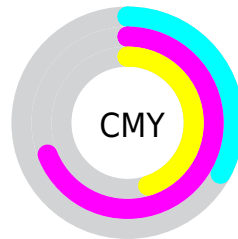


Cyan (0%)

Magenta (55%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2880, 13.6620, 51.4904 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 113.2880, 13.6620, 51.4904 by changing the saturation by 10% instead.

■ 113.2880, 13.6620,
51.4904

■ 113.2880, 13.6620,
51.4904

■ 255.0000, 0.0000,
0.0000

■ 86.6900, 13.9568,
50.2609

■ 167.5980, 13.5092,
53.8496

■ 58.8580, 15.8460,
50.9905

■ 194.4130, 14.0934,
53.1348

■ 34.5480, 15.9988,
48.6314

■ 214.0410, 18.2208,
35.9210

■ 24.5650, 10.0745,
35.4615

■ 230.9330, 11.8650,
21.1068

■ 15.2940, 4.2921,
23.4212

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

■ 113.2880, 13.6620,
51.4904

■ 113.2880, 13.6620,
51.4904

■ 102.6250, 15.9609,
60.8419

■ 123.9510, 11.3632,
42.1390

■ 92.0760, 18.6965,
70.0933

■ 134.5000, 8.6275,
32.8875

■ 80.8260, 21.2848,
79.9596

■ 145.7500, 6.0393,
23.0212

■ 70.1630, 23.5836,
89.3110

■ 156.4130, 3.7404,
13.6698

■ 64.5380, 24.8778,
94.2442

■ 166.9620, 1.0047,
4.4183

■ 177.6250, -1.2941,
-4.9331

■ 188.2880, -3.5930,
-14.2846

■ 199.4240, -6.6180,

-24.0508

■ 210.0870, -8.9169,
-33.4023

Harmonies

Analogous

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



115.2970, 29.9266, 14.6485



113.2880, 13.6620, 51.4904



109.5770, -4.7215, 67.9000

Triad

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



113.2880, 13.6620, 51.4904



104.9640, -42.3803, 13.1866



95.0060, 34.0140, -83.3203

Complementary

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



113.2880, 13.6620, 51.4904



136.7120, -13.6620, -51.4904

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.



91.7340, 16.4001, -80.4507



113.2880, 13.6620, 51.4904



100.2290, -27.7209, -22.1258

Square

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



113.2880, 13.6620, 51.4904



108.4650, -38.6832, 40.8112



85.6580, -1.8034, -75.1221



94.3340, 46.6703, -82.7309

Rectangle

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



113.2880, 13.6620, 51.4904



109.1240, -17.8091, 65.6663



85.6580, -1.8034, -75.1221



94.2250, 28.4831, -82.6353

Sweetspot

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



113.2880, 13.6620, 51.4904



201.6140, 5.6133, 19.6325



97.6860, 36.6368, 9.0454



98.8750, 3.0196, 11.5106



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



113.2880, 13.6620, 51.4904



131.6520, 21.8636, 80.9892



108.0440, -6.4307, 56.0894



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Inverse Universe

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



113.2880, 13.6620, 51.4904



131.6520, 21.8636, 80.9892



141.9560, 6.4307, -56.0894



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 113.2880, 13.6620, 51.4904 looks on a white background.

Color Contrast Check

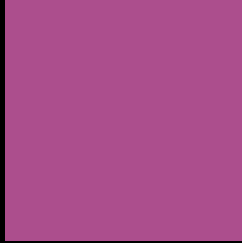
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2880, 13.6620, 51.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

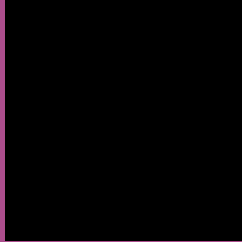
Any Text WCAG AA × Fail

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 113.2880, 13.6620, 51.4904 Background



This preview shows how black text looks on a background with the YUV color 113.2880, 13.6620, 51.4904.



This preview shows how white text looks on a background with the YUV color 113.2880, 13.6620,

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

113.2880, 13.6620, 51.4904

Protanopia

112.0730, 26.0930, -15.8500

Deuteranopia

113.5620, 11.0619, -1.3699



Tritanopia

112.4190, -8.5876, 47.8675

Trichromacy



Original Color

113.2880, 13.6620, 51.4904

Protanomaly

112.3750, 21.5071, 8.4411

Deuteranomaly

113.3240, 12.1653, 18.1329

Tritanomaly

112.6070, -0.2993, 49.4567

Monochromacy



Original Color

113.2880, 13.6620, 51.4904

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7880, 5.0345, 18.6029

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2880, 13.6620, 51.4904 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(172, 78, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 78, 141)  
}
```

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(172, 78, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 78, 141) }
```

Border

The CSS property to change the border of an element to YUV 113.2880, 13.6620, 51.4904 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(172, 78, 141) }
```


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

```
.border{ border-color:rgb(172, 78, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 78, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 78, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 78, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 78,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 113.2880, 13.6620, 51.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 78, 141) }
```

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

```
.background{ background-color: rgb(172, 78,  
141) }
```

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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