

Converting Colors

YUV(114.7140, 20.8470,
33.5768)

Have a look what the booklet for
YUV(114.7140, 20.8470, 33.5768)
contains.

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Color

**YUV(114.7140, 20.8470,
33.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	99579D
RGB	153, 87, 157
RGB Percent	60%, 34%, 62%
CMY	0.4000, 0.6588, 0.3843
CMYK	0.03, 0.45, 0.00, 0.38
HSL	297°, 29%, 48%
HSV	297°, 45%, 62%
XYZ	22.6309, 16.0230, 33.7983
YIQ	114.7140, 16.8660, 35.7620

Conversions

Conversions Part 2

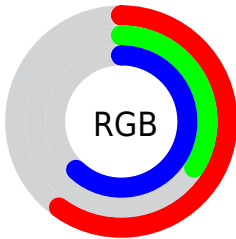
Format	Color
R _Y B	153, 87, 157
Decimal	10049437
CIE _{Lab}	47.00, 38.33, -26.79
CIE _{LCh}	47, 46.764, 325.050
Yxy	16.0230, 0.3124, 0.2212
Android (android.graphics.Color)	4288239517 (0xFF99579D)
YUV	114.7140, 20.8470, 33.5768
Hunter-Lab	40.0288, 30.8674, -22.0413

Details

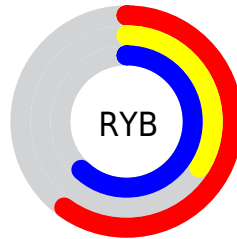
The YUV color **114.7140, 20.8470, 33.5768** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.2860, -20.8470, -33.5768**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2520, 21.5678, 35.7360**, and **63.5890, 20.4156, 31.9324** is the 20% darker color. If you saturate the color by 10%, you get **105.0230, 25.6247, 41.1988**, and if you desaturate by 10%, it is **124.4050, 16.0693, 25.9548**.

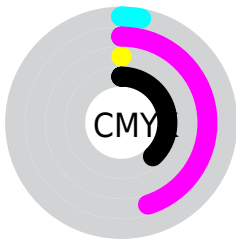
Distribution



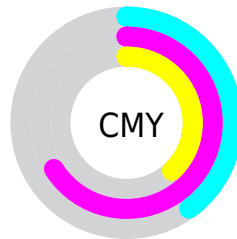
- Red (60%)
- Green (34%)
- Blue (62%)



- Red (60%)
- Yellow (34%)
- Blue (62%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7140, 20.8470, 33.5768 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 114.7140, 20.8470, 33.5768 by changing the saturation by 10% instead.

■ 114.7140, 20.8470,
33.5768

■ 114.7140, 20.8470,
33.5768

■ 255.0000, 0.0000,
0.0000

■ 89.0020, 20.7050,
32.4472

■ 168.2520, 21.5678,
35.7360

■ 63.5890, 20.4156,
31.9324

■ 195.6650, 21.8572,
36.2508

■ 37.5290, 21.4312,
32.8621

■ 218.6060, 17.9422,
31.9175

■ 21.5620, 17.9639,
24.9401

■ 235.6290, 9.5499,
16.9884

■ 12.7750, 11.4499,
14.2293

■ 252.0650, 1.4470,
2.5740

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 114.7140, 20.8470,
33.5768

■ 114.7140, 20.8470,
33.5768

■ 105.0230, 25.6247,
41.1988

■ 124.4050, 16.0693,
25.9548

■ 95.9190, 30.1129,
48.3060

■ 133.5090, 11.5811,
18.8476

■ 86.2280, 34.8906,
55.9280

■ 143.2000, 6.8034,
11.2256

■ 76.5370, 39.6683,
63.5501

■ 152.8910, 2.0257,
3.6036

■ 67.1450, 44.2985,
71.7868

■ 161.6960, -2.3151,
-4.1184

■ 62.1500, 46.7611,
75.2905

■ 171.3870, -7.0928,
-11.7404

■ 181.0780,
-11.8705, -19.3624

■ 190.7690,
-16.6481, -26.9844

■ 199.8730,
-21.1364, -34.0916

Harmonies

Analogous

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



112.1090, 34.9493, -9.7426



114.7140, 20.8470, 33.5768



111.8130, 4.0362, 58.9230

Triad

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



114.7140, 20.8470, 33.5768



107.0350, -39.9503, 27.1563



92.7260, 25.2781, -81.3207

Complementary

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



114.7140, 20.8470, 33.5768



129.2860, -20.8470, -33.5768

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.



88.0520, 7.3694, -77.2216



114.7140, 20.8470, 33.5768



103.6290, -34.3271, -3.1826

Square

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



114.7140, 20.8470, 33.5768



109.2950, -30.7114, 50.6073



95.6100, -15.5837, -41.7540



94.4990, 39.6870, -82.8756

Rectangle

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



114.7140, 20.8470, 33.5768



109.9310, -8.3470, 64.0815



95.6100, -15.5837, -41.7540



91.2440, 19.5997, -80.0210

Sweetspot

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



114.7140, 20.8470, 33.5768



187.5530, 8.1084, 12.6700



97.9150, 29.1289, -9.5725



92.3090, 4.7777, 7.6220



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.7140, 20.8470, 33.5768



137.6360, 32.7175, 52.9392



112.4900, 7.1534, 39.0353



74.3040, 2.3151, 4.1184



56.6670, 42.5622, 68.6980



5.8960, 4.4883, 7.1072

Inverse Universe

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



108.3860, -8.5713, 42.6345



127.5740, -13.5940, 67.0256



131.5100, -7.1534, -39.0353



73.5060, -0.7425, 4.8182



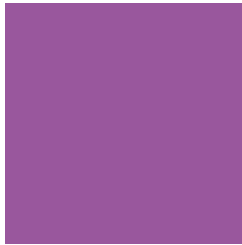
43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 114.7140, 20.8470, 33.5768 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 114.7140, 20.8470, 33.5768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

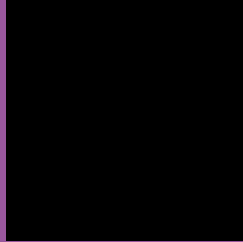
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.7140, 20.8470, 33.5768

Background



This preview shows how black text looks on a background with the YUV color 114.7140, 20.8470, 33.5768.



This preview shows how white text looks on a background with the YUV color 114.7140, 20.8470,

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

114.7140, 20.8470, 33.5768

Protanopia

110.6470, 32.2190, -20.7384

Deuteranopia

111.6130, 20.4038, -11.0616



Tritanopia

113.8510, -3.8705, 28.1947

Trichromacy



Original Color

114.7140, 20.8470, 33.5768

Protanomaly

112.3290, 27.9388, -1.1655

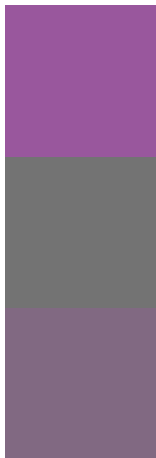
Deuteranomaly

113.0110, 20.2076, 5.2524

Tritanomaly

114.5660, 5.1440, 30.1986

Monochromacy



Original Color

114.7140, 20.8470, 33.5768

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7140, 20.8470, 33.5768 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(153, 87, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 87, 157)  
}
```

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(153, 87, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 87, 157) }
```

Border

The CSS property to change the border of an element to YUV 114.7140, 20.8470, 33.5768 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(153, 87, 157) }
```


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

```
.border{ border-color:rgb(153, 87, 157) }
```

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

Here you see how a box with a 4 pixel rgb(153, 87, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 87, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 87, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 87,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 114.7140, 20.8470, 33.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 87, 157) }
```

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

```
.background{ background-color: rgb(153, 87,  
157) }
```

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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