

Converting Colors

YUV(116.2400, 2.8397, 22.5915)

Have a look what the booklet for
YUV(116.2400, 2.8397, 22.5915)
contains.

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Color

**YUV(116.2400, 2.8397,
22.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	8E667A
RGB	142, 102, 122
RGB Percent	56%, 40%, 48%
CMY	0.4431, 0.6000, 0.5216
CMYK	0.00, 0.28, 0.14, 0.44
HSL	330°, 16%, 48%
HSV	330°, 28%, 56%
XYZ	19.4196, 16.6587, 20.6043
YIQ	116.2400, 17.4200, 14.7000

Conversions

Conversions Part 2

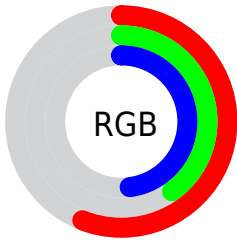
Format	Color
R_{YB}	142, 102, 122
Decimal	9332346
CIE _{Lab}	47.83, 19.37, -4.78
CIE _{LCh}	48, 19.953, 346.150
Yxy	16.6587, 0.3426, 0.2939
Android (android.graphics.Color)	4287522426 (0xFF8E667A)
YUV	116.2400, 2.8397, 22.5915
Hunter-Lab	40.8150, 13.5030, -1.3603

Details

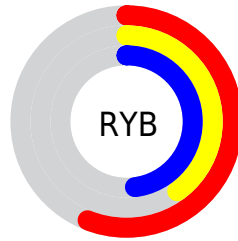
The YUV color **116.2400, 2.8397, 22.5915** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.7600, -2.8397, -22.5915**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2510, 2.8343, 24.3359**, and **67.2290, 2.8451, 20.8472** is the 20% darker color. If you saturate the color by 10%, you get **107.2240, 3.8336, 30.4986**, and if you desaturate by 10%, it is **125.2560, 1.8458, 14.6845**.

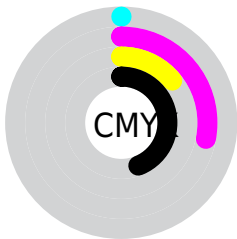
Distribution



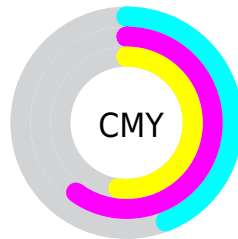
- Red (56%)
- Green (40%)
- Blue (48%)



- Red (56%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2400, 2.8397, 22.5915 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 116.2400, 2.8397, 22.5915 by changing the saturation by 10% instead.

 116.2400, 2.8397,
22.5915

 116.2400, 2.8397,
22.5915


255.0000, 0.0000,
0.0000

 91.5280, 2.6977,
21.4619


 168.2510, 2.8343,
24.3359

 67.2290, 2.8451,
20.8472


 195.6640, 3.1236,
24.8507

 44.6310, 3.1399,
19.6176

 223.9630, 2.9762,
25.4654

 23.0330, 3.4347,
18.3881

 243.8470, 5.4984,
9.7812

 6.6210, -1.7852,
12.6104

 0.0000, 0.0000,
0.0000

■ 116.2400, 2.8397,
22.5915

■ 116.2400, 2.8397,
22.5915

■ 107.2240, 3.8336,
30.4986

■ 125.2560, 1.8458,
14.6845

■ 98.2080, 4.8275,
38.4056

■ 134.2720, 0.8519,
6.7775

■ 88.6050, 6.1107,
46.8274

■ 143.8750, -0.4314,
-1.6444

■ 79.5890, 7.1046,
54.7344

■ 152.8910, -1.4253,
-9.5514

■ 70.5730, 8.0985,
62.6415

■ 162.0210, -1.9824,
-17.5584

■ 61.4430, 8.6556,
70.6485

■ 171.0370, -2.9762,
-25.4654

■ 52.4270, 9.6495,
78.5555

■ 180.0530, -3.9701,
-33.3725

■ 50.5520, 10.0809,

■ 189.6560, -5.2534,

80.1999

-41.7943

 198.6720, -6.2473,
-49.7013

Harmonies

Analogous

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



115.8130, 10.4452, 9.8110



116.2400, 2.8397, 22.5915



115.5090, -5.1809, 28.4946

Triad

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



116.2400, 2.8397, 22.5915



111.4230, -14.9985, 4.0140



106.0800, 15.2436, -36.0272

Complementary

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



116.2400, 2.8397, 22.5915



127.7600, -2.8397, -22.5915

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.



105.5440, 8.1128, -35.5571



116.2400, 2.8397, 22.5915



109.7030, -9.7136, -11.1405

Square

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



116.2400, 2.8397, 22.5915



113.5710, -16.0575, 17.0392



106.9060, -0.9397, -25.3506



109.8410, 17.8264, -24.4166

Rectangle

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



116.2400, 2.8397, 22.5915



114.8310, -10.2697, 27.3352



106.9060, -0.9397, -25.3506



105.6130, 13.5018, -37.3716

Sweetspot

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



116.2400, 2.8397, 22.5915



174.2830, 0.8465, 8.5218



112.5400, 14.5238, 8.2964



86.1470, 0.4205, 5.1331



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.2400, 2.8397, 22.5915



143.3710, 4.2541, 35.6316



113.9600, -5.8963, 24.5911



66.5490, 0.7153, 3.9035



48.1170, 9.8023, 76.1964



2.8480, 0.5679, 4.5183

Inverse Universe

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



116.2400, 2.8397, 22.5915



143.3710, 4.2541, 35.6316



130.0400, 5.8963, -24.5911



66.5490, 0.7153, 3.9035



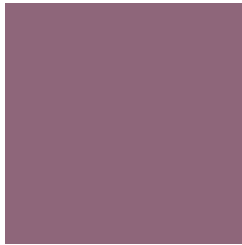
48.1170, 9.8023, 76.1964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 116.2400, 2.8397, 22.5915 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 116.2400, 2.8397, 22.5915 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

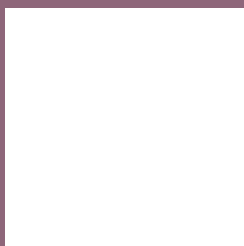
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.2400, 2.8397, 22.5915

Background



This preview shows how black text looks on a background with the YUV color 116.2400, 2.8397, 22.5915.



This preview shows how white text looks on a background with the YUV color 116.2400, 2.8397,

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

116.2400, 2.8397, 22.5915

Protanopia

114.2260, 7.2836, -2.8292

Deuteranopia

114.7280, 2.5991, 6.3775



Tritanopia

115.9750, -1.9597, 21.9469

Trichromacy



Original Color

116.2400, 2.8397, 22.5915

Protanomaly

114.8250, 5.5093, 6.2925

Deuteranomaly

115.1740, 2.8722, 12.1254

Tritanomaly

115.8440, 0.0769, 22.0618

Monochromacy



Original Color

116.2400, 2.8397, 22.5915

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2400, 2.8397, 22.5915 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(142, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 102, 122)  
}
```

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(142, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 102, 122) }
```

Border

The CSS property to change the border of an element to YUV 116.2400, 2.8397, 22.5915 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(142, 102, 122) }
```


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

```
.border{ border-color:rgb(142, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 102,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 116.2400, 2.8397, 22.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 102, 122) }
```

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

```
.background{ background-color: rgb(142,  
102, 122) }
```

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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