

Converting Colors

YUV(113.6600, 2.6326, 42.3942)

Have a look what the booklet for
YUV(113.6600, 2.6326, 42.3942)
contains.

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Color

**YUV(113.6600, 2.6326,
42.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	A25877
RGB	162, 88, 119
RGB Percent	64%, 35%, 47%
CMY	0.3647, 0.6549, 0.5333
CMYK	0.00, 0.46, 0.27, 0.36
HSL	335°, 30%, 49%
HSV	335°, 46%, 64%
XYZ	21.7198, 15.9927, 19.3949
YIQ	113.6600, 34.1530, 25.3290

Conversions

Conversions Part 2

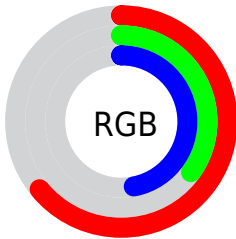
Format	Color
R _Y B	162, 88, 119
Decimal	10639479
CIE Lab	46.96, 34.29, -3.97
CIE LCh	47, 34.515, 353.394
Yxy	15.9927, 0.3803, 0.2800
Android (android.graphics.Color)	4288829559 (0xFFA25877)
YUV	113.6600, 2.6326, 42.3942
Hunter-Lab	39.9909, 26.9624, -0.7610

Details

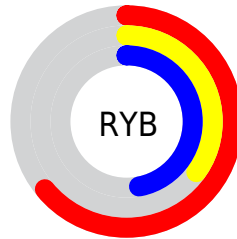
The YUV color **113.6600, 2.6326, 42.3942** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.3400, -2.6326, -42.3942**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1550, 1.8956, 45.4681**, and **63.2790, 3.8065, 39.2203** is the 20% darker color. If you saturate the color by 10%, you get **103.2420, 3.3317, 51.5308**, and if you desaturate by 10%, it is **124.0780, 1.9335, 33.2576**.

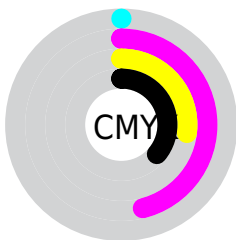
Distribution



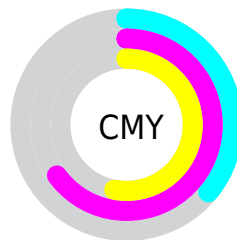
- Red (64%)
- Green (35%)
- Blue (47%)



- Red (64%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (27%)
- Black (36%)




- Cyan (36%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.6600, 2.6326, 42.3942 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 113.6600, 2.6326, 42.3942 by changing the saturation by 10% instead.


 113.6600, 2.6326,
42.3942

 113.6600, 2.6326,
42.3942


255.0000, 0.0000,
0.0000

 88.0620, 2.9274,
41.1646


 167.1550, 1.8956,
45.4681


 63.2790, 3.8065,
39.2203


 194.7530, 1.6008,
46.6976

 37.6210, 5.1168,
38.9204

 215.8870, 4.9857,
34.3021

 20.2350, 3.8281,
32.2429

 235.6290, 9.5499,
16.9884

 10.5790, -4.7224,
21.4172

 252.6520, 1.1576,
2.0592

 0.0000, 0.0000,
0.0000

■ 113.6600, 2.6326,
42.3942

■ 113.6600, 2.6326,
42.3942

■ 103.2420, 3.3317,
51.5308

■ 124.0780, 1.9335,
33.2576

■ 92.7100, 3.5940,
60.7673

■ 134.6100, 1.6713,
24.0210

■ 81.7050, 4.5824,
70.4187

■ 145.6150, 0.6828,
14.3696

■ 71.1730, 4.8447,
79.6553

■ 156.1470, 0.4205,
5.1331

■ 60.7550, 5.5438,
88.7919

■ 166.5650, -0.2785,
-4.0035

■ 56.1900, 5.8223,
92.7954

■ 176.9830, -0.9776,
-13.1401

■ 187.5150, -1.2399,
-22.3767

■ 198.5200, -2.2284,

-32.0280

■ 209.0520, -2.4906,
-41.2646

Harmonies

Analogous

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



114.5680, 15.4960, 23.1809



113.6600, 2.6326, 42.3942



112.1370, -10.9135, 47.2379

Triad

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



113.6600, 2.6326, 42.3942



106.7570, -25.0232, -0.6639



90.0990, 32.9822, -79.0168

Complementary

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



113.6600, 2.6326, 42.3942



136.3400, -2.6326, -42.3942

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.



89.1240, 21.6309, -78.1617



113.6600, 2.6326, 42.3942



102.3930, -13.0117, -26.6547

Square

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



113.6600, 2.6326, 42.3942



109.2160, -27.7145, 22.6126



90.6020, 6.6052, -65.4260



101.1120, 33.4688, -48.3332

Rectangle

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



113.6600, 2.6326, 42.3942



111.6390, -19.0490, 43.2896



90.6020, 6.6052, -65.4260



89.8880, 29.6352, -78.8318

Sweetspot

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



113.6600, 2.6326, 42.3942



192.3380, 0.8194, 17.2436



108.9940, 26.1320, 18.4223



95.2940, 0.8411, 10.2662



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



113.6600, 2.6326, 42.3942



135.5690, 4.1565, 67.0300



113.0610, -12.3551, 42.9195



76.1470, 0.4205, 5.1331



50.3090, 5.2707, 83.0440



6.1800, 0.4043, 10.3661

Inverse Universe

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



113.6600, 2.6326, 42.3942



135.5690, 4.1565, 67.0300



136.9390, 12.3551, -42.9195



76.1470, 0.4205, 5.1331



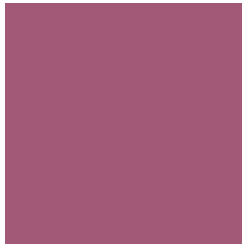
50.3090, 5.2707, 83.0440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 113.6600, 2.6326, 42.3942 looks on a white background.

Color Contrast Check

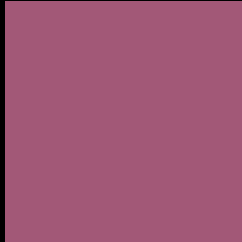
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6600, 2.6326, 42.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

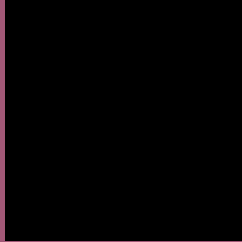
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.6600, 2.6326, 42.3942

Background



This preview shows how black text looks on a background with the YUV color 113.6600, 2.6326, 42.3942.



This preview shows how white text looks on a background with the YUV color 113.6600, 2.6326,

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

113.6600, 2.6326, 42.3942

Protanopia

112.4260, 10.6360, -4.7586

Deuteranopia

112.7990, 1.5781, 7.1923



Tritanopia

113.1300, -6.9661, 41.1050

Trichromacy



Original Color

113.6600, 2.6326, 42.3942

Protanomaly

113.1400, 7.8190, 12.1552

Deuteranomaly

113.2890, 1.8295, 19.9175

Tritanomaly

113.6400, -3.7665, 41.5347

Monochromacy



Original Color

113.6600, 2.6326, 42.3942

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0280, 0.9722, 14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6600, 2.6326, 42.3942 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(162, 88, 119)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 119)  
}
```

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(162, 88, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 119) }
```

Border

The CSS property to change the border of an element to YUV 113.6600, 2.6326, 42.3942 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(162, 88, 119) }
```


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

```
.border{ border-color:rgb(162, 88, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 88, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 88, 119); box-shadow:4px 4px 4px 4px rgb(162, 88, 119) }
```

Background

The CSS property to change the background color of an element to YUV 113.6600, 2.6326, 42.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 119) }
```

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

```
.background{ background-color: rgb(162, 88,  
119) }
```

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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