

Converting Colors

YUV(113.6640, 26.7876,
41.5137)

Have a look what the booklet for
YUV(113.6640, 26.7876, 41.5137)
contains.

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Color

**YUV(113.6640, 26.7876,
41.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	A14FA8
RGB	161, 79, 168
RGB Percent	63%, 31%, 66%
CMY	0.3686, 0.6902, 0.3412
CMYK	0.04, 0.53, 0.00, 0.34
HSL	295°, 36%, 48%
HSV	295°, 53%, 66%
XYZ	24.5618, 15.9962, 38.8388
YIQ	113.6640, 20.3030, 45.0630

Conversions

Conversions Part 2

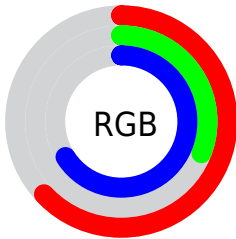
Format	Color
RYB	161, 79, 168
Decimal	10571688
CIELab	46.97, 47.06, -33.27
CIELCh	47, 57.631, 324.737
Yxy	15.9962, 0.3094, 0.2015
Android (android.graphics.Color)	4288761768 (0xFFA14FA8)
YUV	113.6640, 26.7876, 41.5137
Hunter-Lab	39.9952, 39.6285, -29.5790

Details

The YUV color **113.6640, 26.7876, 41.5137** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **133.3360, -26.7876, -41.5137**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2020, 27.5084, 43.6728**, and **59.7780, 27.2244, 41.4137** is the 20% darker color. If you saturate the color by 10%, you get **103.3860, 31.8547, 49.6505**, and if you desaturate by 10%, it is **123.9420, 21.7206, 33.3769**.

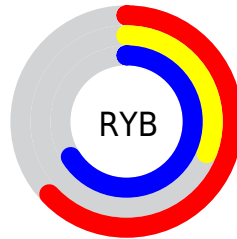
Distribution



Red (63%)

Green (31%)

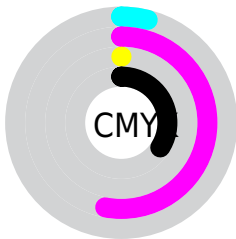
Blue (66%)



Red (63%)

Yellow (31%)

Blue (66%)

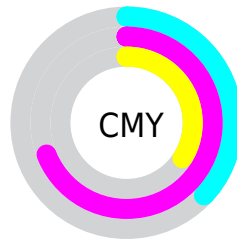


Cyan (4%)

Magenta (53%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (69%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6640, 26.7876, 41.5137 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 113.6640, 26.7876, 41.5137 by changing the saturation by 10% instead.

■ 113.6640, 26.7876,
41.5137

■ 113.6640, 26.7876,
41.5137

255.0000, 0.0000,
0.0000

■ 87.2510, 26.4983,
40.9989

■ 168.2020, 27.5084,
43.6728

■ 59.7780, 27.2244,
41.4137

■ 195.9140, 27.6504,
44.8024

■ 34.5930, 27.8087,
40.6989

■ 214.4970, 19.9680,
35.5211

■ 24.0830, 21.1581,
27.1142

■ 231.5200, 11.5756,
20.5920

■ 14.8830, 14.3547,
15.8886

■ 248.5430, 3.1833,
5.6628

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 113.6640, 26.7876,
41.5137

■ 113.6640, 26.7876,
41.5137

■ 103.3860, 31.8547,
49.6505

■ 123.9420, 21.7206,
33.3769

■ 92.8090, 37.0692,
57.1725

■ 134.5190, 16.5061,
25.8548

■ 83.1180, 41.8468,
64.7945

■ 144.2100, 11.7285,
18.2328

■ 72.8400, 46.9139,
72.9313

■ 154.4880, 6.6614,
10.0960

■ 65.4970, 50.5340,
78.4941

■ 165.0650, 1.4470,
2.5740

■ 175.3430, -3.6201,
-5.5628

■ 185.6210, -8.6872,
-13.6996

■ 195.6110,
-13.6122, -20.7068

■ 205.8890,
-18.6793, -28.8437

Harmonies

Analogous

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



110.1820, 44.2803, -15.9456



113.6640, 26.7876, 41.5137



107.1230, 7.3344, 74.4371

Triad

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



113.6640, 26.7876, 41.5137



104.3810, -51.4598, 32.1149



95.2850, 27.4675, -83.5649

Complementary

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



113.6640, 26.7876, 41.5137



133.3360, -26.7876, -41.5137

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.



89.5850, 5.6276, -78.5660



113.6640, 26.7876, 41.5137



99.4320, -49.0200, -3.8869

Square

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



113.6640, 26.7876, 41.5137



106.5260, -37.7273, 60.9287



84.8260, -16.6762, -64.7454



97.9700, 45.3708, -85.9197

Rectangle

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



113.6640, 26.7876, 41.5137



104.9700, -7.3802, 80.7103



84.8260, -16.6762, -64.7454



94.0480, 20.1893, -82.4801

Sweetspot

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



113.6640, 26.7876, 41.5137



197.8570, 10.4235, 16.7884



93.2550, 36.8493, -12.5016



97.0750, 6.3720, 9.5812



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.6640, 26.7876, 41.5137



133.5310, 42.1362, 65.3093



111.5390, 9.5943, 49.5163



79.0050, 2.4625, 3.5036



57.5360, 44.5988, 68.8129



7.9610, 5.9352, 9.6812

Inverse Universe

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



106.4090, -10.0616, 54.0153



122.1140, -15.8322, 84.9690



135.4610, -9.5943, -49.5163



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 113.6640, 26.7876, 41.5137 looks on a white background.

Color Contrast Check

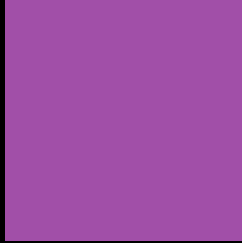
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6640, 26.7876, 41.5137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

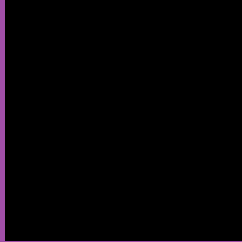
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.6640, 26.7876, 41.5137

Background



This preview shows how black text looks on a background with the YUV color 113.6640, 26.7876, 41.5137.



This preview shows how white text looks on a background with the YUV color 113.6640, 26.7876,

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

113.6640, 26.7876, 41.5137

Protanopia

108.0400, 42.8713, -30.7301

Deuteranopia

110.8340, 25.2248, -17.3944



Tritanopia

113.8410, -5.3446, 34.3424

Trichromacy



Original Color

113.6640, 26.7876, 41.5137

Protanomaly

110.0110, 36.9696, -4.3946

Deuteranomaly

111.4930, 25.8860, 3.9526

Tritanomaly

113.9520, 6.4327, 36.8761

Monochromacy



Original Color

113.6640, 26.7876, 41.5137

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7320, 9.9921, 15.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6640, 26.7876, 41.5137 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(161, 79, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 79, 168)  
}
```

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(161, 79, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 79, 168) }
```

Border

The CSS property to change the border of an element to YUV 113.6640, 26.7876, 41.5137 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(161, 79, 168) }
```


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

```
.border{ border-color:rgb(161, 79, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 79, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 79, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 79, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 79,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 113.6640, 26.7876, 41.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 79, 168) }
```

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

```
.background{ background-color: rgb(161, 79,  
168) }
```

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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