

Converting Colors

YUV(115.1640, 41.8241,
25.2892)

Have a look what the booklet for
YUV(115.1640, 41.8241, 25.2892)
contains.

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Color

**YUV(115.1640, 41.8241,
25.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	9054C8
RGB	144, 84, 200
RGB Percent	56%, 33%, 78%
CMY	0.4353, 0.6706, 0.2157
CMYK	0.28, 0.58, 0.00, 0.22
HSL	271°, 51%, 56%
HSV	271°, 58%, 78%
XYZ	25.0973, 16.4401, 56.4941
YIQ	115.1640, -1.4760, 48.7960

Conversions

Conversions Part 2

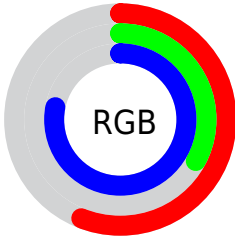
Format	Color
R_{YB}	144, 84, 200
Decimal	9458888
CIE _{Lab}	47.55, 46.87, -51.15
CIE _{LCh}	48, 69.372, 312.499
Yxy	16.4401, 0.2560, 0.1677
Android (android.graphics.Color)	4287648968 (0xFF9054C8)
YUV	115.1640, 41.8241, 25.2892
Hunter-Lab	40.5464, 39.5312, -54.2275

Details

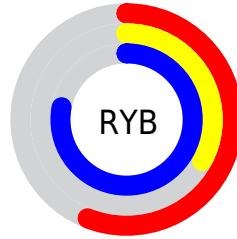
The YUV color **115.1640, 41.8241, 25.2892** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **168.8360, -41.8241, -25.2892**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0010, 42.3975, 28.0631**, and **62.5120, 40.6666, 23.2300** is the 20% darker color. If you saturate the color by 10%, you get **100.4340, 49.0860, 29.4374**, and if you desaturate by 10%, it is **129.8940, 34.5623, 21.1410**.

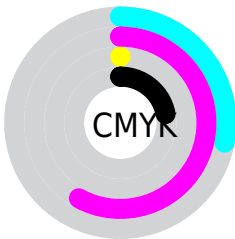
Distribution



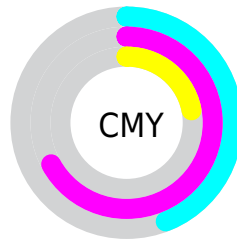
- Red (56%)
- Green (33%)
- Blue (78%)



- Red (56%)
- Yellow (33%)
- Blue (78%)



- Cyan (28%)
- Magenta (58%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1640, 41.8241, 25.2892 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 115.1640, 41.8241, 25.2892 by changing the saturation by 10% instead.

■ 115.1640, 41.8241,
25.2892

■ 115.1640, 41.8241,
25.2892

■ 255.0000, 0.0000,
0.0000

■ 88.9250, 40.9560,
23.7448

■ 169.0010, 42.3975,
28.0631

■ 62.5120, 40.6666,
23.2300

■ 193.5210, 30.3091,
31.9921

■ 33.8650, 41.9716,
24.6744

■ 217.4320, 18.5210,
32.9471

■ 20.5830, 36.1946,
10.8897

■ 233.8680, 10.4181,
18.5328

■ 8.4640, 29.8442,
-5.6689

■ 250.8910, 2.0257,
3.6036

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 115.1640, 41.8241,
25.2892

■ 115.1640, 41.8241,
25.2892

■ 100.4340, 49.0860,
29.4374

■ 129.8940, 34.5623,
21.1410

■ 86.0030, 56.2005,
34.2004

■ 144.3250, 27.4478,
16.3780

■ 71.2730, 63.4624,
38.3486

■ 159.0550, 20.1859,
12.2298

■ 56.5430, 70.7243,
42.4968

■ 173.7850, 12.9240,
8.0816

■ 53.5970, 72.1767,
43.3264

■ 188.2160, 5.8095,
3.3186

■ 202.9460, -1.4524,
-0.8296

■ 217.6760, -8.7143,
-4.9779

■ 232.1070,
-15.8288, -9.7408

■ 241.5540,
-20.4861, -9.2559

Harmonies

Analogous

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



91.7360, 67.1782, -80.4525



115.1640, 41.8241, 25.2892



104.9510, 21.7162, 81.6040

Triad

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



115.1640, 41.8241, 25.2892



105.9750, -52.2457, 50.8879



96.6240, 19.9054, -84.7392

Complementary

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



115.1640, 41.8241, 25.2892



168.8360, -41.8241, -25.2892

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.



88.3820, -6.5973, -77.5110



115.1640, 41.8241, 25.2892



103.6510, -51.0999, 9.9531

Square

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



115.1640, 41.8241, 25.2892



103.1190, -33.5827, 84.9646



88.5690, -43.6645, -41.7180



102.1930, 43.7819, -89.6233

Rectangle

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



115.1640, 41.8241, 25.2892



97.1740, 6.8162, 100.7024



88.5690, -43.6645, -41.7180



94.2300, 10.7326, -82.6397

Sweetspot

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



115.1640, 41.8241, 25.2892



223.4800, 15.5394, 9.2260



130.0960, 34.4627, -40.4262



108.8510, 9.4405, 5.3927



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



115.1640, 41.8241, 25.2892



124.8000, 64.1886, 38.7634



131.6800, 32.6958, 59.9166



92.5210, 3.1941, 2.1741



43.6980, 58.8159, 35.3449



9.4860, 13.0714, 7.4668

Inverse Universe

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



125.0680, 7.3615, 65.7154



140.0260, 11.3262, 100.8322



152.3200, -32.6958, -59.9166



93.1470, 0.4205, 5.1331



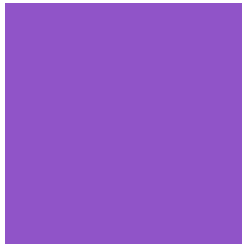
57.7430, 10.4797, 92.3104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 115.1640, 41.8241, 25.2892 looks on a white background.

Color Contrast Check

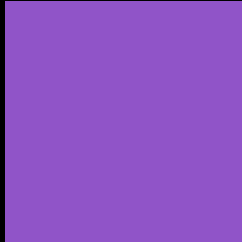
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1640, 41.8241, 25.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

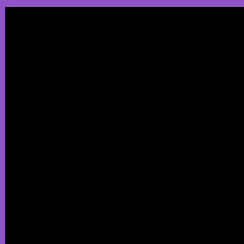
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.1640, 41.8241, 25.2892

Background



This preview shows how black text looks on a background with the YUV color 115.1640, 41.8241, 25.2892.



This preview shows how white text looks on a background with the YUV color 115.1640, 41.8241,

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

115.1640, 41.8241, 25.2892

Protanopia

99.9130, 62.1609, -57.8057

Deuteranopia

104.5820, 44.0831, -46.1144



Tritanopia

114.4900, 0.2514, 12.7253

Trichromacy



Original Color

115.1640, 41.8241, 25.2892

Protanomaly

105.5640, 54.9379, -27.6816

Deuteranomaly

108.2200, 43.2755, -20.3639

Tritanomaly

114.8230, 15.3703, 16.8182

Monochromacy



Original Color

115.1640, 41.8241, 25.2892

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.3660, 15.1026, 9.3260

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1640, 41.8241, 25.2892 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(144, 84, 200)` looks like.

```
.text, #text, p{  
    color:rgb(144, 84, 200)  
}
```

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(144, 84, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 84, 200) }
```

Border

The CSS property to change the border of an element to YUV 115.1640, 41.8241, 25.2892 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(144, 84, 200) }
```


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

```
.border{ border-color:rgb(144, 84, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 84, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 84, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 84, 200);  
box-shadow:4px 4px 4px 4px rgb(144, 84,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 115.1640, 41.8241, 25.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 84, 200) }
```

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

```
.background{ background-color: rgb(144, 84,  
200) }
```

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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