

Converting Colors

YUV(115.4890, 45.6079,
25.0041)

Have a look what the booklet for
YUV(115.4890, 45.6079, 25.0041)
contains.

YUV(115.4890, 45.6079, 25.0041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(115.4890, 45.6079,
25.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	9053D0
RGB	144, 83, 208
RGB Percent	56%, 33%, 82%
CMY	0.4353, 0.6745, 0.1843
CMYK	0.31, 0.60, 0.00, 0.18
HSL	269°, 57%, 57%
HSV	269°, 60%, 82%
XYZ	25.9800, 16.6699, 61.5228
YIQ	115.4890, -3.7690, 51.8070

Conversions

Conversions Part 2

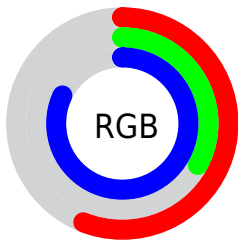
Format	Color
RYB	144, 83, 208
Decimal	9458640
CIELab	47.84, 49.31, -55.27
CIELCh	48, 74.074, 311.739
Yxy	16.6699, 0.2494, 0.1600
Android (android.graphics.Color)	4287648720 (0xFF9053D0)
YUV	115.4890, 45.6079, 25.0041
Hunter-Lab	40.8288, 42.1322, -60.7610

Details

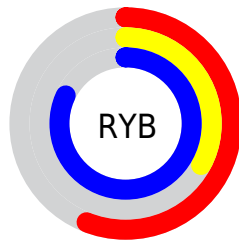
The YUV color **115.4890, 45.6079, 25.0041** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **175.5110, -45.6079, -25.0041**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4140, 42.6869, 28.5779**, and **62.5380, 44.5978, 22.3302** is the 20% darker color. If you saturate the color by 10%, you get **99.8730, 53.3066, 29.0524**, and if you desaturate by 10%, it is **131.1050, 37.9092, 20.9559**.

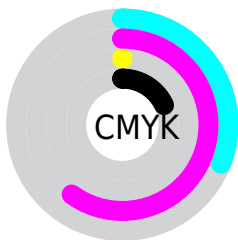
Distribution



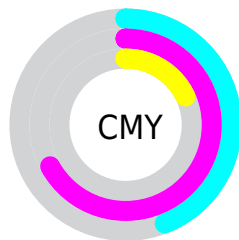
- Red (56%)
- Green (33%)
- Blue (82%)



- Red (56%)
- Yellow (33%)
- Blue (82%)



- Cyan (31%)
- Magenta (60%)
- Yellow (0%)
- Black (18%)



- Cyan (44%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4890, 45.6079, 25.0041 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 115.4890, 45.6079, 25.0041 by changing the saturation by 10% instead.

■ 115.4890, 45.6079,
25.0041

■ 115.4890, 45.6079,
25.0041

■ 255.0000, 0.0000,
0.0000

■ 89.2500, 44.7398,
23.4598

■ 168.4140, 42.6869,
28.5779

■ 62.5380, 44.5978,
22.3302

■ 192.9340, 30.5985,
32.5069

■ 32.3040, 46.1921,
24.2894

■ 216.8450, 18.8104,
33.4619

■ 20.0710, 39.4050,
7.8307

■ 233.2810, 10.7075,
19.0476

■ 8.6640, 33.1966,
-7.5983

■ 250.3040, 2.3151,
4.1184

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 115.4890, 45.6079,
25.0041

■ 115.4890, 45.6079,
25.0041

■ 99.8730, 53.3066,
29.0524

■ 131.1050, 37.9092,
20.9559

■ 84.5560, 60.8579,
33.7154

■ 146.4220, 30.3580,
16.2929

■ 69.5270, 68.2672,
37.2488

■ 161.4510, 22.9487,
12.7595

■ 54.2100, 75.8185,
41.9118

■ 177.0670, 15.2500,
8.7112

■ 192.3840, 7.6987,
4.0482

■ 208.0000, 0.0000,
0.0000

■ 223.6160, -7.6987,
-4.0482

■ 238.3460,
-14.9606, -8.1964

■ 245.1570,
-18.3184, -4.5227

Harmonies

Analogous

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



94.0500, 70.9673, -82.4818



115.4890, 45.6079, 25.0041



102.3200, 25.4782, 88.2964

Triad

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



115.4890, 45.6079, 25.0041



106.5840, -52.5459, 53.8618



97.7980, 19.3266, -85.7688

Complementary

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



115.4890, 45.6079, 25.0041



175.5110, -45.6079, -25.0041

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.



89.2140, -8.4865, -78.2407



115.4890, 45.6079, 25.0041



104.5370, -51.5367, 10.0531

Square

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



115.4890, 45.6079, 25.0041



101.5220, -34.7673, 91.6272



87.3620, -43.0695, -45.9215



103.9370, 45.3871, -91.1527

Rectangle

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



115.4890, 45.6079, 25.0041



88.9290, 11.8670, 114.0723



87.3620, -43.0695, -45.9215



95.4040, 10.1538, -83.6693

Sweetspot

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



115.4890, 45.6079, 25.0041



220.8220, 16.8498, 8.9261



135.4050, 35.7893, -45.9592



106.4920, 10.6034, 5.7075



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.



115.4890, 45.6079, 25.0041



118.8860, 67.1042, 36.9340



134.0270, 36.4687, 63.1203



96.7490, 4.0677, 1.9741



43.6700, 61.2947, 33.6154



10.6540, 14.9606, 8.1964

Inverse Universe

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



127.6710, 9.5292, 70.4485



136.7320, 13.9361, 103.7210



156.9730, -36.4687, -63.1203



97.8590, 0.5625, 6.2627



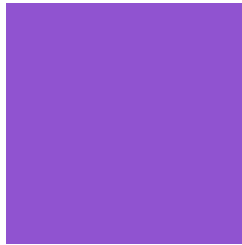
60.0360, 12.8003, 94.6844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 115.4890, 45.6079, 25.0041 looks on a white background.

Color Contrast Check

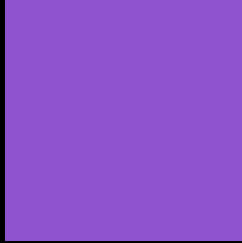
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.4890, 45.6079, 25.0041 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 115.4890, 45.6079, 25.0041 Background



This preview shows how black text looks on a background with the YUV color 115.4890, 45.6079, 25.0041.



This preview shows how white text looks on a background with the YUV color 115.4890, 45.6079,

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

115.4890, 45.6079, 25.0041

Deuteranopia

100.5850, 49.5046, -58.3950

Tritanopia

114.7070, 1.1304, 10.7810

Trichromacy



Original Color

115.4890, 45.6079, 25.0041



Deuteranomaly

105.8430, 48.3914, -27.9263



Tritanomaly

114.9800, 17.2649, 15.8035

Monochromacy



Original Color

115.4890, 45.6079, 25.0041



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.1210, 16.7023, 9.5409

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4890, 45.6079, 25.0041 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, 83, 208)` looks like.

```
.text, #text, p{  
    color:rgb(144, 83, 208)  
}
```

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, 83, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 83, 208) }
```

Border

The CSS property to change the border of an element to YUV 115.4890, 45.6079, 25.0041 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, 83, 208) }
```

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

```
.border{ border-color:rgb(144, 83, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 83, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 83, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 83, 208);  
box-shadow:4px 4px 4px 4px rgb(144, 83,  
208) }
```


Background

The CSS property to change the background color of an element to YUV 115.4890, 45.6079, 25.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 83, 208) }
```

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

```
.background{ background-color: rgb(144, 83,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor