

Converting Colors

YUV(89.5640, 24.8649, 4.7674)

Have a look what the booklet for
YUV(89.5640, 24.8649, 4.7674)
contains.

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Color

**YUV(89.5640, 24.8649,
4.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4D8C
RGB	95, 77, 140
RGB Percent	37%, 30%, 55%
CMY	0.6275, 0.6980, 0.4510
CMYK	0.32, 0.45, 0.00, 0.45
HSL	257°, 29%, 43%
HSV	257°, 45%, 55%
XYZ	12.1068, 9.6341, 26.0324
YIQ	89.5640, -9.4950, 23.4090

Conversions

Conversions Part 2

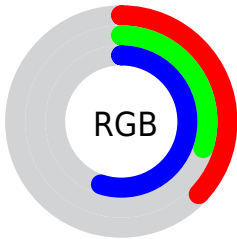
Format	Color
R_{YB}	95, 77, 140
Decimal	6245772
CIE _{Lab}	37.18, 22.36, -32.45
CIE _{LCh}	37, 39.405, 304.574
Yxy	9.6341, 0.2534, 0.2017
Android (android.graphics.Color)	4284435852 (0xFF5F4D8C)
YUV	89.5640, 24.8649, 4.7674
Hunter-Lab	31.0388, 15.3066, -27.9996

Details

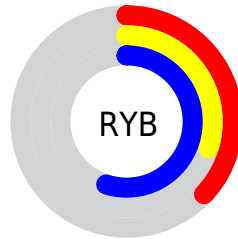
The YUV color **89.5640, 24.8649, 4.7674** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.4360, -24.8649, -4.7674**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0310, 26.6067, 6.1118**, and **42.3850, 22.9812, 2.2934** is the 20% darker color. If you saturate the color by 10%, you get **78.3560, 30.3905, 5.8268**, and if you desaturate by 10%, it is **100.7720, 19.3394, 3.7080**.

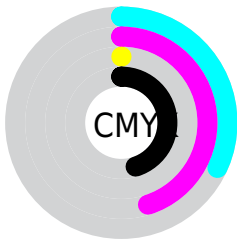
Distribution



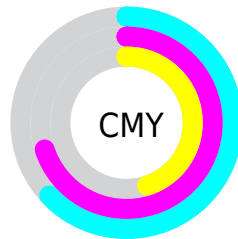
- Red (37%)
- Green (30%)
- Blue (55%)



- Red (37%)
- Yellow (30%)
- Blue (55%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5640, 24.8649, 4.7674 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 89.5640, 24.8649, 4.7674 by changing the saturation by 10% instead.

89.5640, 24.8649,
4.7674

89.5640, 24.8649,
4.7674

255.0000, 0.0000,
0.0000

65.6240, 23.8494,
3.8378

140.0310, 26.6067,
6.1118

42.3850, 22.9812,
2.2934

166.5580, 27.3329,
6.5266

20.5480, 22.4078,
-0.4806

194.0850, 28.0591,
6.9415

4.9020, 18.7823,
-4.2991

219.6480, 17.4285,
9.9557

2.9810, 8.8834,
-2.6143

243.2600, 5.7878,
10.2960

0.0000, 0.0000,
0.0000

■ 89.5640, 24.8649,
4.7674

■ 89.5640, 24.8649,
4.7674

■ 78.3560, 30.3905,
5.8268

■ 100.7720, 19.3394,
3.7080

■ 67.1480, 35.9160,
6.8862

■ 111.9800, 13.8139,
2.6485

■ 55.9400, 41.4416,
7.9456

■ 123.1880, 8.2883,
1.5891

■ 44.7320, 46.9671,
9.0050

■ 134.3960, 2.7628,
0.5297

■ 33.5240, 52.4927,
10.0645

■ 145.6040, -2.7628,
-0.5297


■ 27.9200, 55.2554,
10.5942

■ 156.8120, -8.2883,
-1.5891

■ 168.0200,
-13.8139, -2.6485

■ 179.2280,

-19.3394, -3.7080

 190.4360,
-24.8649, -4.7674

Harmonies

Analogous

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



76.3340, 36.8103, -46.7739



89.5640, 24.8649, 4.7674



89.5480, 12.5478, 35.4764

Triad

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



89.5640, 24.8649, 4.7674



85.5920, -27.8999, 35.4378



70.9490, 10.3781, -62.2223

Complementary

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



89.5640, 24.8649, 4.7674



127.4360, -24.8649, -4.7674

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.



68.4050, -4.6367, -52.9752



89.5640, 24.8649, 4.7674



83.0210, -32.0554, 14.8906

Square

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



89.5640, 24.8649, 4.7674



86.0680, -16.3025, 49.0524



79.9190, -24.1171, -11.3300



73.8960, 24.2083, -64.8068

Rectangle

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



89.5640, 24.8649, 4.7674



87.9210, 3.4899, 47.4273



79.9190, -24.1171, -11.3300



68.9940, 5.4260, -60.5077

Sweetspot

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



89.5640, 24.8649, 4.7674



160.9430, 9.8881, 1.8040



110.5970, 14.4957, -29.4646



79.3190, 6.2517, 1.4742



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.



89.5640, 24.8649, 4.7674



102.5440, 38.6788, 7.4159



98.8330, 20.2953, 23.8255



63.3960, 2.7628, 0.5297



26.5240, 52.4927, 10.0645



0.8690, 2.0366, 0.1149

Inverse Universe

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



100.9670, 10.3693, 34.2319



120.2820, 16.1300, 53.2497



118.1670, -20.2953, -23.8255



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 89.5640, 24.8649, 4.7674 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 ✓ Pass

Black Background



This preview shows how the YUV color 89.5640, 24.8649, 4.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

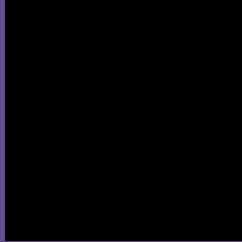
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5640, 24.8649, 4.7674

Background



This preview shows how black text looks on a background with the YUV color 89.5640, 24.8649, 4.7674.



This preview shows how white text looks on a background with the YUV color 89.5640, 24.8649,

4.7674.

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

89.5640, 24.8649, 4.7674

Protanopia

85.5930, 30.7667, -21.5681

Deuteranopia

85.3280, 25.9673, -22.2127



Tritanopia

87.4990, 3.2050, -1.3146

Trichromacy



Original Color

89.5640, 24.8649, 4.7674

Protanomaly

87.0780, 28.5555, -12.3464

Deuteranomaly

86.9810, 25.6454, -12.2613

Tritanomaly

87.9860, 11.3459, 0.8893

Monochromacy



Original Color

89.5640, 24.8649, 4.7674

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7150, 9.0145, 2.0039

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5640, 24.8649, 4.7674 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(95, 77, 140)` looks like.

```
.text, #text, p{  
    color:rgb(95, 77, 140)  
}
```

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(95, 77, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 77, 140) }
```

Border

The CSS property to change the border of an element to YUV 89.5640, 24.8649, 4.7674 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(95, 77, 140) }
```


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

```
.border{ border-color:rgb(95, 77, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 77, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 77, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 77, 140);  
box-shadow:4px 4px 4px 4px rgb(95, 77,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 89.5640, 24.8649, 4.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 77, 140) }
```

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

```
.background{ background-color: rgb(95, 77,  
140) }
```

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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