

# Converting Colors

YUV(94.3620, 24.4715, -9.0875)

Have a look what the booklet for  
YUV(94.3620, 24.4715, -9.0875)  
contains.

<b>YUV(94.3620, 24.4715, -9.0875)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(94.3620, 24.4715,  
-9.0875)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	545A90
RGB	84, 90, 144
RGB Percent	33%, 35%, 56%
CMY	0.6706, 0.6471, 0.4353
CMYK	0.42, 0.37, 0.00, 0.44
HSL	234°, 26%, 45%
HSV	234°, 42%, 56%
XYZ	12.3464, 11.2108, 27.8987
YIQ	94.3620, -20.9100, 15.5220

# Conversions

## Conversions Part 2

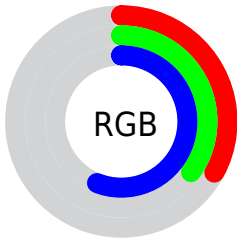
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 89, 144
Decimal	5528208
CIE <sub>Lab</sub>	39.93, 12.13, -30.59
CIE <sub>LCh</sub>	40, 32.911, 291.631
Yxy	11.2108, 0.2399, 0.2179
Android (android.graphics.Color)	4283718288 (0xFF545A90)
YUV	94.3620, 24.4715, -9.0875
Hunter-Lab	33.4825, 7.2259, -25.9647

# Details

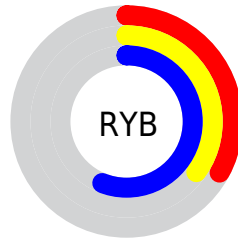
The YUV color **94.3620, 24.4715, -9.0875** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.6380, -24.4715, 9.0875**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4160, 25.9239, -8.2578**, and **46.8840, 22.7352, -12.1763** is the 20% darker color. If you saturate the color by 10%, you get **82.5450, 30.2973, -11.0020**, and if you desaturate by 10%, it is **106.1790, 18.6458, -7.1730**.

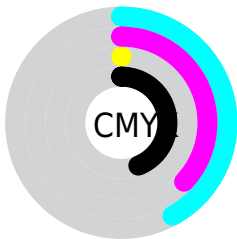
# Distribution



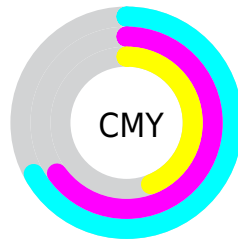
- Red (33%)
- Green (35%)
- Blue (56%)



- Red (33%)
- Yellow (35%)
- Blue (56%)



- Cyan (42%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (65%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.3620, 24.4715, -9.0875 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 94.3620, 24.4715, -9.0875 by changing the saturation by 10% instead.



■ 94.3620, 24.4715,  
-9.0875

■ 94.3620, 24.4715,  
-9.0875

■ 255.0000, 0.0000,  
0.0000

■ 70.4220, 23.4560,  
-10.0171

■ 145.4160, 25.9239,  
-8.2578

■ 46.8840, 22.7352,  
-12.1763

■ 171.9430, 26.6501,  
-7.8430

■ 22.5520, 22.8989,  
-18.0241

■ 199.4700, 27.3763,  
-7.4282

■ 5.3580, 20.5295,  
-4.6990

■ 224.2780, 15.1459,  
-4.6288

■ 3.4370, 10.6306,  
-3.0142

■ 249.9720, 2.4788,  
-1.7294

■ 0.0000, 0.0000,  
0.0000

■ 94.3620, 24.4715,  
-9.0875

■ 94.3620, 24.4715,  
-9.0875

■ 82.5450, 30.2973,  
-11.0020

■ 106.1790, 18.6458,  
-7.1730

■ 70.4290, 36.2705,  
-13.5312

■ 118.2950, 12.6726,  
-4.6437

■ 58.6120, 42.0963,  
-15.4457

■ 130.1120, 6.8468,  
-2.7292

■ 46.4960, 48.0695,  
-17.9750

■ 142.2280, 0.8736,  
-0.2000

■ 34.6790, 53.8953,  
-19.8895

■ 154.0450, -4.9522,  
1.7145

■ 24.6340, 58.8474,  
-21.6040

■ 165.8620,  
-10.7780, 3.6290

■ 177.9780,  
-16.7512, 6.1583

■ 189.7950,

-22.5769, 8.0728

■ 201.9110,  
-28.5501, 10.6021

# Harmonies

## Analogous

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



80.8510, 32.6115, -53.3663



94.3620, 24.4715, -9.0875



97.4320, 15.0700, 19.7921

# Triad

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



94.3620, 24.4715, -9.0875



93.6660, -20.0483, 37.1269



72.4990, 6.1630, -63.5816

# Complementary

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



94.3620, 24.4715, -9.0875



133.6380, -24.4715, 9.0875

# 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.



85.5290, -12.5858, -23.2659



94.3620, 24.4715, -9.0875



92.3730, -25.8199, 21.5979

# Square

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



94.3620, 24.4715, -9.0875



94.8700, -9.3029, 43.9640



90.1100, -23.7182, 0.7805



76.2780, 18.1039, -66.8958



# Rectangle

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



94.3620, 24.4715, -9.0875



96.5710, 7.6065, 33.7022



90.1100, -23.7182, 0.7805



80.1440, -2.0430, -44.8533

# Sweetspot

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



94.3620, 24.4715, -9.0875



165.9100, 9.9044, -3.4291



125.3760, 6.2236, -36.2868



81.8840, 5.9732, -2.5293



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



94.3620, 24.4715, -9.0875



108.8850, 38.0177, -13.9311



98.0160, 22.6701, 8.7560



65.3850, 2.7682, -1.2146



23.6080, 54.9163, -20.7042



1.4990, 3.2050, -1.3146



# Inverse Universe

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



102.6240, -6.2236, 36.2868



121.8330, -9.7777, 56.2745



129.9840, -22.6701, -8.7560



66.2070, -0.5951, 4.2035



41.9610, -13.7848, 81.5952



2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 94.3620, 24.4715, -9.0875 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 94.3620, 24.4715, -9.0875 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 94.3620, 24.4715, -9.0875**

## **Background**



This preview shows how black text looks on a background with the YUV color 94.3620, 24.4715, -9.0875.



This preview shows how white text looks on a background with the YUV color 94.3620, 24.4715,

-9.0875.

# 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

94.3620, 24.4715, -9.0875

### Protanopia

92.7740, 26.2404, -16.4648

### Deuteranopia

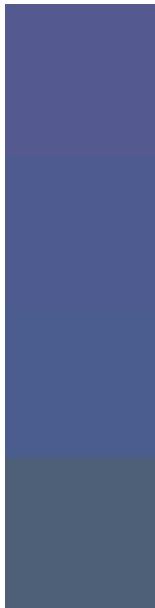
92.4100, 24.9409, -19.6536



## Tritanopia

91.7360, 7.0322, -15.5545

# Trichromacy



## Original Color

94.3620, 24.4715, -9.0875

## Protanomaly

93.2690, 25.5034, -13.3909

## Deuteranomaly

93.3180, 24.4932, -16.0649

## Tritanomaly

92.7670, 13.4259, -12.9507

# Monochromacy



## Original Color

94.3620, 24.4715, -9.0875

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.2690, 8.7414, -3.7439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.3620, 24.4715, -9.0875 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(84, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(84, 90, 144)  
}
```

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(84, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 90, 144) }
```

## Border

The CSS property to change the border of an element to YUV 94.3620, 24.4715, -9.0875 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(84, 90, 144) }
```



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

```
.border{ border-color:rgb(84, 90, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(84, 90,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 94.3620, 24.4715, -9.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 90, 144) }
```

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

```
.background{ background-color: rgb(84, 90,  
144) }
```

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