

Converting Colors

YUV(94.1010, 27.0652, -0.9656)

Have a look what the booklet for
YUV(94.1010, 27.0652, -0.9656)
contains.

YUV(94.1010, 27.0652, -0.9656)	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>	31

Color

**YUV(94.1010, 27.0652,
-0.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5495
RGB	93, 84, 149
RGB Percent	36%, 33%, 58%
CMY	0.6353, 0.6706, 0.4157
CMYK	0.38, 0.44, 0.00, 0.42
HSL	248°, 28%, 46%
HSV	248°, 44%, 58%
XYZ	13.1093, 10.8377, 29.8347
YIQ	94.1010, -15.5010, 22.1230

Conversions

Conversions Part 2

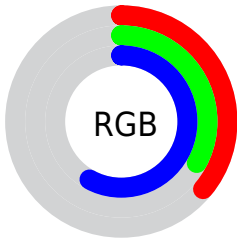
Format	Color
R_{YB}	93, 84, 149
Decimal	6116501
CIE _{Lab}	39.31, 19.95, -34.55
CIE _{LCh}	39, 39.893, 300.003
Yxy	10.8377, 0.2438, 0.2015
Android (android.graphics.Color)	4284306581 (0xFF5D5495)
YUV	94.1010, 27.0652, -0.9656
Hunter-Lab	32.9207, 13.4692, -30.6877

Details

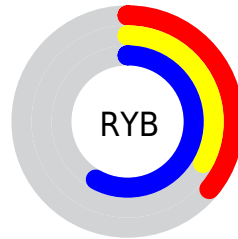
The YUV color **94.1010, 27.0652, -0.9656** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.8990, -27.0652, 0.9656**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5680, 28.8070, 0.3789**, and **46.6230, 25.3289, -4.0544** is the 20% darker color. If you saturate the color by 10%, you get **81.4090, 33.3224, -1.2357**, and if you desaturate by 10%, it is **106.7930, 20.8081, -0.6955**.

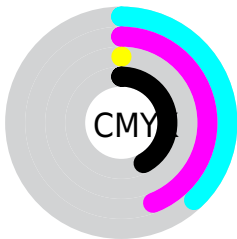
Distribution



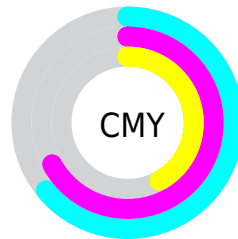
- Red (36%)
- Green (33%)
- Blue (58%)



- Red (36%)
- Yellow (33%)
- Blue (58%)



- Cyan (38%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1010, 27.0652, -0.9656 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 94.1010, 27.0652, -0.9656 by changing the saturation by 10% instead.

■ 94.1010, 27.0652,
-0.9656

■ 94.1010, 27.0652,
-0.9656

■ 255.0000, 0.0000,
0.0000

■ 70.1610, 26.0496,
-1.8952

■ 145.5680, 28.8070,
0.3789

■ 46.6230, 25.3289,
-4.0544

■ 172.0950, 29.5332,
0.7937

■ 23.6610, 24.3241,
-8.4727

■ 198.9380, 27.6386,
1.8084

■ 5.8140, 22.2767,
-5.0989

■ 223.7460, 15.4082,
4.6078

■ 4.4800, 12.0884,
-3.9290

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

■ 94.1010, 27.0652,
-0.9656

■ 94.1010, 27.0652,
-0.9656

■ 81.4090, 33.3224,
-1.2357

■ 106.7930, 20.8081,
-0.6955

■ 68.7170, 39.5795,
-1.5058

■ 119.4850, 14.5509,
-0.4253

■ 56.0250, 45.8367,
-1.7759

■ 132.1770, 8.2937,
-0.1552

■ 43.6320, 51.9464,
-1.4313

■ 144.5700, 2.1840,
-0.4999

■ 30.9400, 58.2036,
-1.7014

■ 157.2620, -4.0732,
-0.2298


■ 23.2650, 61.9874,
-1.9864

■ 169.3670,
-10.0409, 0.5551

■ 182.0590,
-16.2981, 0.8253

■ 194.7510,

-22.5552, 1.0954

 207.4430,
-28.8124, 1.3655

Harmonies

Analogous

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



74.3640, 41.2325, -65.2172



94.1010, 27.0652, -0.9656



95.5090, 15.0321, 32.0026

Triad

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



94.1010, 27.0652, -0.9656



90.8420, -27.0371, 38.7266



73.8840, 8.9312, -64.7963

Complementary

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



94.1010, 27.0652, -0.9656



138.8990, -27.0652, 0.9656

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.



77.9180, -9.3266, -42.0241



94.1010, 27.0652, -0.9656



88.8150, -32.9398, 18.5792

Square

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



94.1010, 27.0652, -0.9656



91.2470, -14.4188, 51.5264



85.3710, -26.3119, -7.3414



77.5320, 22.9087, -67.9956

Rectangle

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



94.1010, 27.0652, -0.9656



93.1920, 5.8213, 46.3126



85.3710, -26.3119, -7.3414



72.5160, 3.6896, -63.5965

Sweetspot

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



94.1010, 27.0652, -0.9656



172.7470, 10.4777, -0.6551



124.2820, 12.1860, -35.3273



83.7210, 6.5465, 0.2447



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



94.1010, 27.0652, -0.9656



108.7000, 42.0529, -1.4909



103.6690, 22.3482, 18.7073



68.0970, 2.9102, -0.0851



21.4130, 57.4774, -2.1162



1.4390, 4.2206, -0.3850

Inverse Universe

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



109.8190, 14.8792, 34.3617



133.1170, 23.1133, 53.3944



129.3310, -22.3482, -18.7073



69.7770, 1.5889, 3.7036



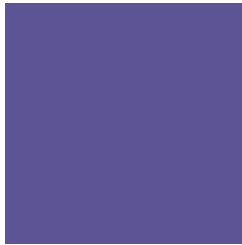
54.8280, 31.6368, 72.9418



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 94.1010, 27.0652, -0.9656 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 94.1010, 27.0652, -0.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

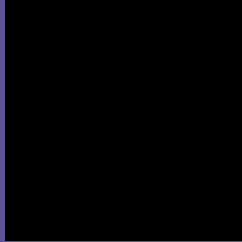
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1010, 27.0652, -0.9656

Background



This preview shows how black text looks on a background with the YUV color 94.1010, 27.0652, -0.9656.



This preview shows how white text looks on a background with the YUV color 94.1010, 27.0652,

-0.9656.

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

94.1010, 27.0652, -0.9656

Protanopia

90.2340, 31.9296, -21.2532

Deuteranopia

89.8870, 28.1567, -24.4569



Tritanopia

91.3240, 5.2633, -8.1771

Trichromacy



Original Color

94.1010, 27.0652, -0.9656

Protanomaly

91.8220, 30.1608, -13.8759

Deuteranomaly

91.5290, 27.8402, -16.2499

Tritanomaly

92.1100, 13.2568, -5.3585

Monochromacy



Original Color

94.1010, 27.0652, -0.9656

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1010, 27.0652, -0.9656 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(93, 84, 149)` looks like.

```
.text, #text, p{  
    color:rgb(93, 84, 149)  
}
```

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(93, 84, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 84, 149) }
```

Border

The CSS property to change the border of an element to YUV 94.1010, 27.0652, -0.9656 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(93, 84, 149) }
```


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

```
.border{ border-color:rgb(93, 84, 149) }
```

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

Here you see how a box with a 4 pixel rgb(93, 84, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 84, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 84, 149);  
box-shadow:4px 4px 4px 4px rgb(93, 84,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 94.1010, 27.0652, -0.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 84, 149) }
```

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

```
.background{ background-color: rgb(93, 84,  
149) }
```

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