

Converting Colors

YUV(93.9140, 34.0594, -4.3096)

Have a look what the booklet for
YUV(93.9140, 34.0594, -4.3096)
contains.

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Color

**YUV(93.9140, 34.0594,
-4.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	5953A3
RGB	89, 83, 163
RGB Percent	35%, 33%, 64%
CMY	0.6510, 0.6745, 0.3608
CMYK	0.45, 0.49, 0.00, 0.36
HSL	244°, 33%, 48%
HSV	244°, 49%, 64%
XYZ	13.8239, 10.9547, 36.0362
YIQ	93.9140, -22.1040, 26.1520

Conversions

Conversions Part 2

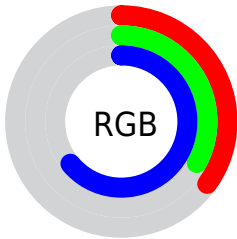
Format	Color
R_{YB}	89, 83, 163
Decimal	5854115
CIE _{Lab}	39.50, 23.71, -42.65
CIE _{LCh}	40, 48.792, 299.068
Yxy	10.9547, 0.2273, 0.1801
Android (android.graphics.Color)	4284044195 (0xFF5953A3)
YUV	93.9140, 34.0594, -4.3096
Hunter-Lab	33.0979, 16.6325, -41.3850

Details

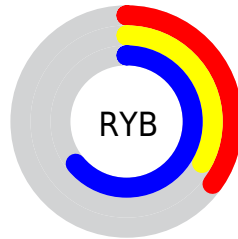
The YUV color $93.9140, 34.0594, -4.3096$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $152.0860, -34.0594, 4.3096$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $145.6800, 35.6538, -2.3504$, and $45.1260, 32.4759, -9.7575$ is the 20% darker color. If you saturate the color by 10%, you get $80.0370, 40.9008, -5.2944$, and if you desaturate by 10%, it is $107.7910, 27.2180, -3.3247$.

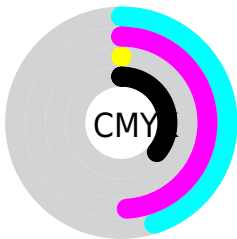
Distribution



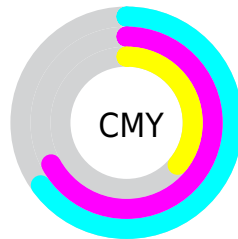
- Red (35%)
- Green (33%)
- Blue (64%)



- Red (35%)
- Yellow (33%)
- Blue (64%)



- Cyan (45%)
- Magenta (49%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9140, 34.0594, -4.3096 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 93.9140, 34.0594, -4.3096 by changing the saturation by 10% instead.

■ 93.9140, 34.0594,
-4.3096

■ 93.9140, 34.0594,
-4.3096

■ 255.0000, 0.0000,
0.0000

■ 69.2620, 32.9018,
-6.3688

■ 145.6800, 35.6538,
-2.3504

■ 45.1260, 32.4759,
-9.7575

■ 172.6200, 36.6693,
-1.4207

■ 20.3700, 32.3556,
-17.8645

■ 197.7530, 28.2228,
1.0936

■ 7.0680, 27.0815,
-6.1986

■ 222.2730, 16.1344,
5.0226

■ 6.2070, 16.1669,
-5.4435

■ 247.3690, 3.7621,
6.6924

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 93.9140, 34.0594,
-4.3096

■ 93.9140, 34.0594,
-4.3096

■ 80.0370, 40.9008,
-5.2944

■ 107.7910, 27.2180,
-3.3247

■ 65.5730, 48.0315,
-5.7645

■ 122.2550, 20.0873,
-2.8546

■ 51.6960, 54.8729,
-6.7494

■ 136.1320, 13.2459,
-1.8698

■ 37.8190, 61.7142,
-7.7343

■ 150.0090, 6.4046,
-0.8849

■ 23.3550, 68.8450,
-8.2043

■ 164.4730, -0.7262,
-0.4148

■ 22.1700, 69.4292,
-8.9191

■ 178.3500, -7.5675,
0.5701

■ 192.5260,
-14.5563, 2.1697

■ 206.4030,
-21.3977, 3.1546

■ 220.8670,
-28.5284, 3.6246

Harmonies

Analogous

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



77.2480, 47.2057, -67.7465



93.9140, 34.0594, -4.3096



94.5190, 19.9571, 39.0098

Triad

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



93.9140, 34.0594, -4.3096



89.2900, -33.1740, 47.1037



75.5310, 7.6262, -66.2407

Complementary

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



93.9140, 34.0594, -4.3096



152.0860, -34.0594, 4.3096

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.



69.0960, -9.4143, -60.5972



93.9140, 34.0594, -4.3096



87.2040, -42.9916, 22.6231

Square

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



93.9140, 34.0594, -4.3096



88.6830, -15.6197, 63.4220



83.2540, -35.6212, -8.1158



80.0910, 25.0981, -70.2398

Rectangle

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



93.9140, 34.0594, -4.3096



91.6540, 8.5516, 57.3084



83.2540, -35.6212, -8.1158



73.9350, 1.5110, -64.8410

Sweetspot

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



93.9140, 34.0594, -4.3096



184.2460, 13.6827, -1.9697



136.1450, 13.2395, -46.6082



90.4650, 8.1518, -1.2848



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



93.9140, 34.0594, -4.3096



103.9410, 53.2731, -6.9643



105.5750, 28.3105, 19.6667



74.3250, 3.7838, -0.2850



19.8190, 61.7142, -7.7343



2.3510, 7.7150, -1.1848

Inverse Universe

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



115.3560, 20.5305, 41.7838



137.4850, 31.8059, 65.3497



140.4250, -28.3105, -19.6667



76.6030, 2.1677, 4.7332



58.6310, 37.1569, 75.7456



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 93.9140, 34.0594, -4.3096 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 93.9140, 34.0594, -4.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

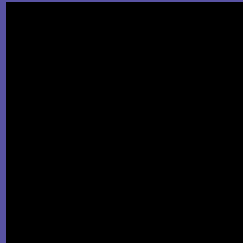
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9140, 34.0594, -4.3096

Background



This preview shows how black text looks on a background with the YUV color 93.9140, 34.0594, -4.3096.



This preview shows how white text looks on a background with the YUV color 93.9140, 34.0594,

-4.3096.

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

93.9140, 34.0594, -4.3096

Protanopia

88.0570, 40.3979, -30.7450

Deuteranopia

85.3780, 36.7886, -39.7965



Tritanopia

90.7360, 7.0322, -15.5545

Trichromacy



Original Color

93.9140, 34.0594, -4.3096

Protanomaly

89.8410, 38.0394, -20.9086

Deuteranomaly

88.5260, 35.7297, -26.7713

Tritanomaly

91.9890, 16.7674, -11.3914

Monochromacy



Original Color

93.9140, 34.0594, -4.3096

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9040, 12.3723, -1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9140, 34.0594, -4.3096 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(89, 83, 163)` looks like.

```
.text, #text, p{  
    color:rgb(89, 83, 163)  
}
```

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(89, 83, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 83, 163) }
```

Border

The CSS property to change the border of an element to YUV 93.9140, 34.0594, -4.3096 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(89, 83, 163) }
```


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

```
.border{ border-color:rgb(89, 83, 163) }
```

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

Here you see how a box with a 4 pixel rgb(89, 83, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 83, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 83, 163);  
box-shadow:4px 4px 4px 4px rgb(89, 83,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 93.9140, 34.0594, -4.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 83, 163) }
```

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

```
.background{ background-color: rgb(89, 83,  
163) }
```

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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