

Converting Colors

YUV(94.7400, 31.1872,
-16.4350)

Have a look what the booklet for
YUV(94.7400, 31.1872, -16.4350)
contains.

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Color

**YUV(94.7400, 31.1872,
-16.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5C9E
RGB	76, 92, 158
RGB Percent	30%, 36%, 62%
CMY	0.7020, 0.6392, 0.3804
CMYK	0.52, 0.42, 0.00, 0.38
HSL	228°, 35%, 46%
HSV	228°, 52%, 62%
XYZ	12.9792, 11.6594, 33.9142
YIQ	94.7400, -30.7220, 17.1340

Conversions

Conversions Part 2

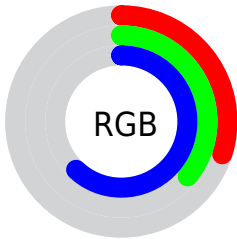
Format	Color
R_{YB}	76, 89, 158
Decimal	5004446
CIE _{Lab}	40.67, 13.21, -37.87
CIE _{LCh}	41, 40.105, 289.235
Yxy	11.6594, 0.2217, 0.1991
Android (android.graphics.Color)	4283194526 (0xFF4C5C9E)
YUV	94.7400, 31.1872, -16.4350
Hunter-Lab	34.1459, 8.0943, -34.9855

Details

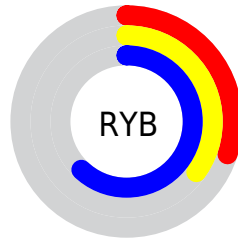
The YUV color **94.7400, 31.1872, -16.4350** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.2600, -31.1872, 16.4350**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5060, 32.7815, -14.4758**, and **44.4570, 30.3407, -24.9568** is the 20% darker color. If you saturate the color by 10%, you get **82.3250, 37.3078, -19.5790**, and if you desaturate by 10%, it is **107.1550, 25.0666, -13.2909**.

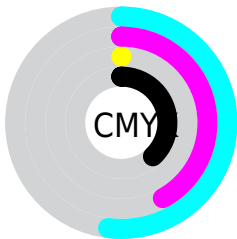
Distribution



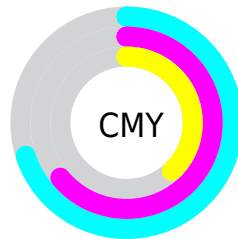
- Red (30%)
- Green (36%)
- Blue (62%)



- Red (30%)
- Yellow (35%)
- Blue (62%)



- Cyan (52%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7400, 31.1872, -16.4350 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 94.7400, 31.1872, -16.4350 by changing the saturation by 10% instead.

■ 94.7400, 31.1872,
-16.4350

■ 94.7400, 31.1872,
-16.4350

■ 255.0000, 0.0000,
0.0000

■ 70.2020, 30.4664,
-18.5942

■ 146.5060, 32.7815,
-14.4758

■ 44.4570, 30.3407,
-24.9568

■ 173.1470, 33.9445,
-14.1609

■ 24.4960, 27.8565,
-21.4830

■ 198.8500, 27.6820,
-12.1464

■ 6.6120, 25.3343,
-5.7987

■ 223.9570, 15.3042,
-8.7323

■ 5.2780, 15.1459,
-4.6288

■ 249.6510, 2.6371,
-5.8329

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 94.7400, 31.1872,
-16.4350

■ 94.7400, 31.1872,
-16.4350

■ 82.3250, 37.3078,
-19.5790

■ 107.1550, 25.0666,
-13.2909

■ 70.4970, 43.1390,
-23.2379

■ 118.9830, 19.2354,
-9.6321

■ 58.3810, 49.1122,
-25.7671

■ 131.0990, 13.2622,
-7.1028

■ 45.9660, 55.2328,
-28.9112

■ 143.5140, 7.1416,
-3.9588

■ 36.2090, 60.0430,
-31.7553

■ 155.9290, 1.0210,
-0.8147

■ 167.7570, -4.8102,
2.8441

■ 180.1720,
-10.9308, 5.9882

■ 192.2880,
-16.9040, 8.5174

■ 204.1160,
-22.7352, 12.1763

Harmonies

Analogous

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



78.7010, 40.0804, -69.0208



94.7400, 31.1872, -16.4350



98.7080, 19.8640, 22.1811

Triad

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



94.7400, 31.1872, -16.4350



94.2110, -23.2750, 45.4190



74.6190, 4.1318, -65.4409

Complementary

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



94.7400, 31.1872, -16.4350



139.2600, -31.1872, 16.4350

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.



85.3560, -16.9375, -27.4992



94.7400, 31.1872, -16.4350



93.0980, -32.0933, 27.1011

Square

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



94.7400, 31.1872, -16.4350



94.6370, -9.1880, 53.8154



90.4000, -30.2702, 2.2802



78.9680, 18.2568, -69.2549

Rectangle

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



94.7400, 31.1872, -16.4350



97.8260, 10.9318, 40.4946



90.4000, -30.2702, 2.2802



72.6640, -0.8204, -63.7263

Sweetspot

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



94.7400, 31.1872, -16.4350



181.2840, 12.6780, -6.3881



131.6580, 5.0986, -48.8121



89.6280, 7.5784, -4.0588



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.7400, 31.1872, -16.4350



107.3810, 49.1122, -25.7671



92.8230, 32.1323, 7.1712



73.0860, 2.9156, -1.8294



32.7380, 54.3592, -28.7112



3.4710, 5.6838, -3.0441

Inverse Universe

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



102.3420, -5.0986, 48.8121



119.4210, -8.0956, 76.8068



141.1770, -32.1323, -7.1712



73.6200, -0.3057, 4.7183



45.9490, -8.8489, 85.1137



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 94.7400, 31.1872, -16.4350 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 94.7400, 31.1872, -16.4350 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 94.7400, 31.1872, -16.4350

Background



This preview shows how black text looks on a background with the YUV color 94.7400, 31.1872, -16.4350.



This preview shows how white text looks on a background with the YUV color 94.7400, 31.1872, -16.4350.

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

94.7400, 31.1872, -16.4350

Protanopia

93.0490, 32.5138, -21.9680

Deuteranopia

91.2930, 32.3936, -30.0750



Tritanopia

90.4680, 10.1223, -26.7204

Trichromacy



Original Color

94.7400, 31.1872, -16.4350

Protanomaly

93.9460, 32.0716, -20.1236

Deuteranomaly

92.7990, 31.6511, -25.2567

Tritanomaly

91.8520, 17.8210, -22.6722

Monochromacy



Original Color

94.7400, 31.1872, -16.4350

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9420, 11.3676, -6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7400, 31.1872, -16.4350 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(76, 92, 158)` looks like.

```
.text, #text, p{  
    color:rgb(76, 92, 158)  
}
```

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(76, 92, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 92, 158) }
```

Border

The CSS property to change the border of an element to YUV 94.7400, 31.1872, -16.4350 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(76, 92, 158) }
```


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

```
.border{ border-color:rgb(76, 92, 158) }
```

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

Here you see how a box with a 4 pixel rgb(76, 92, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 92, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 92, 158);  
box-shadow:4px 4px 4px 4px rgb(76, 92,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 94.7400, 31.1872, -16.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 92, 158) }
```

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

```
.background{ background-color: rgb(76, 92,  
158) }
```

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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