

Converting Colors

YUV(93.4080, 18.0399, 0.5192)

Have a look what the booklet for
YUV(93.4080, 18.0399, 0.5192)
contains.

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Color

**YUV(93.4080, 18.0399,
0.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5682
RGB	94, 86, 130
RGB Percent	37%, 34%, 51%
CMY	0.6314, 0.6627, 0.4902
CMYK	0.28, 0.34, 0.00, 0.49
HSL	251°, 20%, 42%
HSV	251°, 34%, 51%
XYZ	11.9731, 10.6470, 22.5431
YIQ	93.4080, -9.3560, 15.3800

Conversions

Conversions Part 2

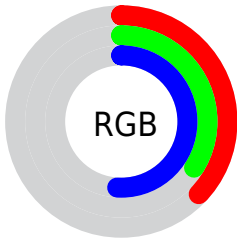
Format	Color
RYB	94, 86, 130
Decimal	6182530
CIELab	38.98, 13.67, -23.53
CIElCh	39, 27.206, 300.152
Yxy	10.6470, 0.2651, 0.2357
Android (android.graphics.Color)	4284372610 (0xFF5E5682)
YUV	93.4080, 18.0399, 0.5192
Hunter-Lab	32.6297, 8.3969, -18.1213

Details

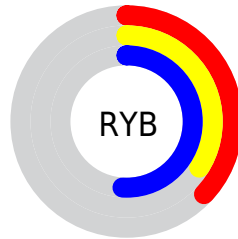
The YUV color **93.4080, 18.0399, 0.5192** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122.5920, -18.0399, -0.5192**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0490, 19.2028, 0.8340**, and **46.9410, 16.2981, -0.8253** is the 20% darker color. If you saturate the color by 10%, you get **82.4880, 23.4234, 0.4490**, and if you desaturate by 10%, it is **104.3280, 12.6563, 0.5893**.

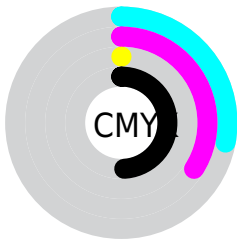
Distribution



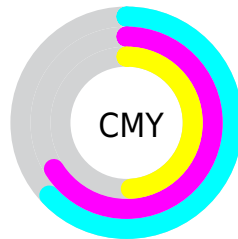
- Red (37%)
- Green (34%)
- Blue (51%)



- Red (37%)
- Yellow (34%)
- Blue (51%)



- Cyan (28%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (63%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4080, 18.0399, 0.5192 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 93.4080, 18.0399, 0.5192 by changing the saturation by 10% instead.

93.4080, 18.0399,
0.5192

93.4080, 18.0399,
0.5192

255.0000, 0.0000,
0.0000

69.8810, 17.3137,
0.1044

144.0490, 19.2028,
0.8340

46.9410, 16.2981,
-0.8253

170.5760, 19.9290,
1.2488

25.1150, 15.7193,
-1.8549

197.9890, 20.2184,
1.7636

4.1040, 15.7247,
-3.5992

224.6210, 14.9768,
2.9634

1.2540, 4.8048,
-1.0998

249.1300, 2.8939,
5.1480

0.0000, 0.0000,
0.0000

■ 93.4080, 18.0399,
0.5192

■ 93.4080, 18.0399,
0.5192

■ 82.4880, 23.4234,
0.4490

■ 104.3280, 12.6563,
0.5893

■ 71.8670, 28.6596,
0.9936

■ 114.9490, 7.4201,
0.0447

■ 60.9470, 34.0431,
0.9235

■ 125.8690, 2.0366,
0.1149

■ 50.0270, 39.4267,
0.8533

■ 136.7890, -3.3470,
0.1850

■ 39.4060, 44.6628,
1.3979

■ 147.4100, -8.5831,
-0.3596

■ 28.4860, 50.0464,
1.3278


■ 158.3300,
-13.9667, -0.2894

■ 21.9960, 53.2460,
1.7575

■ 168.9510,
-19.2028, -0.8340

■ 179.8710,

-24.5864, -0.7639

 190.7910,
-29.9700, -0.6937

Harmonies

Analogous

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



87.7250, 23.7996, -26.9458



93.4080, 18.0399, 0.5192



94.3630, 9.6810, 21.6066

Triad

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



93.4080, 18.0399, 0.5192



91.6540, -18.5634, 27.4904



76.2170, 7.2880, -51.0563

Complementary

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



93.4080, 18.0399, 0.5192



122.5920, -18.0399, -0.5192

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.



83.8970, -7.3442, -24.4657



93.4080, 18.0399, 0.5192



90.4690, -21.4302, 13.6207

Square

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



93.4080, 18.0399, 0.5192



92.4730, -10.5862, 35.5422



87.7980, -17.1554, -4.2078



73.3430, 19.5509, -64.3218

Rectangle

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



93.4080, 18.0399, 0.5192



94.2950, 2.8126, 31.3133



87.7980, -17.1554, -4.2078



79.7900, 1.5825, -41.0348

Sweetspot

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



93.4080, 18.0399, 0.5192



154.1340, 6.8359, 0.7595



112.7350, 8.5116, -23.4466



75.7380, 4.0732, 0.2298



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.4080, 18.0399, 0.5192



110.7530, 28.2228, 1.0936



99.6870, 14.9443, 13.4295



58.3960, 2.7628, 0.5297



21.4690, 52.5198, 1.3427



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.2600, 9.2388, 23.4510



126.1290, 14.7264, 36.7209



116.3130, -14.9443, -13.4295



59.7770, 1.5889, 3.7036



50.1280, 26.5589, 68.2937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.4080, 18.0399, 0.5192 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 93.4080, 18.0399, 0.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

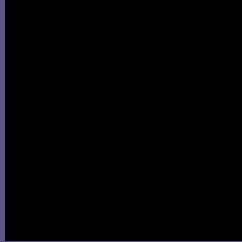
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4080, 18.0399, 0.5192

Background



This preview shows how black text looks on a background with the YUV color 93.4080, 18.0399, 0.5192.



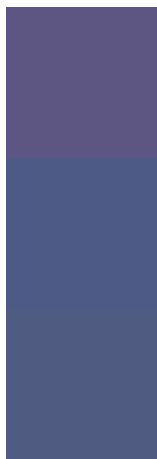
This preview shows how white text looks on a background with the YUV color 93.4080, 18.0399,

0.5192.

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

93.4080, 18.0399, 0.5192

Protanopia

91.4280, 20.9880, -11.7764

Deuteranopia

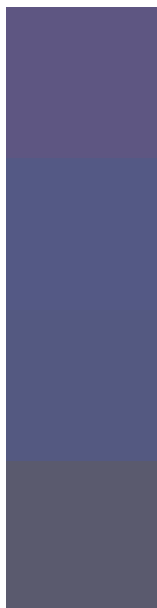
91.7440, 18.3672, -11.1765



Tritanopia

91.6020, 3.6472, -3.1590

Trichromacy



Original Color

93.4080, 18.0399, 0.5192

Protanomaly

92.5210, 19.9561, -7.4729

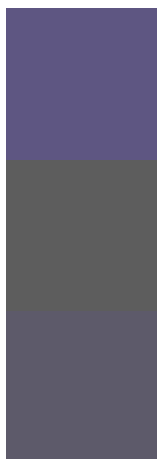
Deuteranomaly

92.0650, 18.2090, -7.0730

Tritanomaly

92.2800, 8.7360, -1.9996

Monochromacy



Original Color

93.4080, 18.0399, 0.5192

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4080, 18.0399, 0.5192 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(94, 86, 130)` looks like.

```
.text, #text, p{  
    color:rgb(94, 86, 130)  
}
```

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(94, 86, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 86, 130) }
```

Border

The CSS property to change the border of an element to YUV 93.4080, 18.0399, 0.5192 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(94, 86, 130) }
```


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

```
.border{ border-color:rgb(94, 86, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 86, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 86, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 86, 130);  
box-shadow:4px 4px 4px 4px rgb(94, 86,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 93.4080, 18.0399, 0.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 86, 130) }
```

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

```
.background{ background-color: rgb(94, 86,  
130) }
```

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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