

Converting Colors

YUV(94.5940, 18.9342,
-53.1409)

Have a look what the booklet for
YUV(94.5940, 18.9342, -53.1409)
contains.

| | |
|--|----|
| YUV(94.5940, 18.9342, -53.1409) | 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(94.5940, 18.9342,
-53.1409)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 227685 |
| RGB | 34, 118, 133 |
| RGB Percent | 13%, 46%, 52% |
| CMY | 0.8667, 0.5373, 0.4784 |
| CMYK | 0.74, 0.11, 0.00, 0.48 |
| HSL | 189°, 59%, 33% |
| HSV | 189°, 74%, 52% |
| XYZ | 11.3718, 14.9904, 24.4844 |
| YIQ | 94.5940, -54.8790, -13.1430 |

Conversions

Conversions Part 2

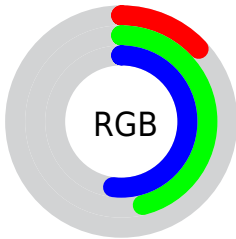
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 34, 79, 133 |
| Decimal | 2258565 |
| CIE _{Lab} | 45.62, -19.23, -15.38 |
| CIE _{LCh} | 46, 24.623, 218.646 |
| Yxy | 14.9904, 0.2236, 0.2948 |
| Android (android.graphics.Color) | 4280448645 (0xFF227685) |
| YUV | 94.5940, 18.9342, -53.1409 |
| Hunter-Lab | 38.7174, -15.3280, -10.3920 |

Details

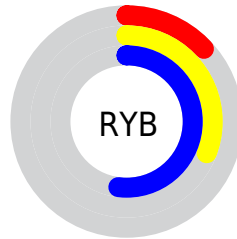
The YUV color **94.5940, 18.9342, -53.1409** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.4060, -18.9342, 53.1409**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1000, 18.1917, -48.3227**, and **49.9650, 16.2863, -43.8193** is the 20% darker color. If you saturate the color by 10%, you get **89.5330, 21.4292, -60.1034**, and if you desaturate by 10%, it is **99.6550, 16.4391, -46.1784**.

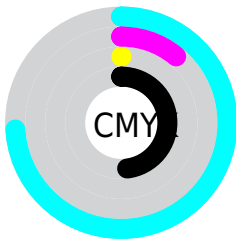
Distribution



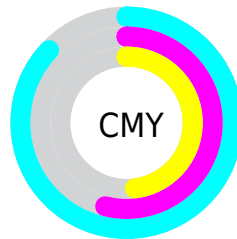
- Red (13%)
- Green (46%)
- Blue (52%)



- Red (13%)
- Yellow (31%)
- Blue (52%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (87%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5940, 18.9342, -53.1409 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 94.5940, 18.9342, -53.1409 by changing the saturation by 10% instead.

94.5940, 18.9342,
-53.1409

94.5940, 18.9342,
-53.1409

255.0000, 0.0000,
0.0000

66.9030, 20.2608,
-58.6739

149.1000, 18.1917,
-48.3227

49.9650, 16.2863,
-43.8193

177.1000, 18.1917,
-48.3227

34.4290, 12.6065,
-30.1942

205.1000, 18.1917,
-48.3227

20.7680, 8.4954,
-18.2135

232.2760, 11.2029,
-46.7231

2.5250, 7.1362,
-2.2144

240.9470, 6.9281,
-28.8945

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 94.5940, 18.9342,
-53.1409

■ 94.5940, 18.9342,
-53.1409

■ 89.5330, 21.4292,
-60.1034

■ 99.6550, 16.4391,
-46.1784

■ 84.1730, 24.0717,
-67.6807

■ 105.0150, 13.7966,
-38.6012

■ 81.4930, 25.3930,
-71.4694

■ 110.0760, 11.3015,
-31.6387

■ 115.1370, 8.8065,
-24.6761

■ 120.4970, 6.1640,
-17.0989

■ 125.5580, 3.6689,
-10.1364

■ 130.6190, 1.1738,
-3.1739

■ 135.6800, -1.3212,
3.7886

■ 141.0400, -3.9637,
11.3659

Harmonies

Analogous

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



95.8910, 8.4347, -45.5084



94.5940, 18.9342, -53.1409



100.3060, 22.5271, -38.8564

Triad

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



94.5940, 18.9342, -53.1409



110.7610, 6.0338, 24.7656



106.3050, -19.3774, 8.5025

Complementary

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



94.5940, 18.9342, -53.1409



72.4060, -18.9342, 53.1409

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.



108.2190, -18.8420, 23.4869



94.5940, 18.9342, -53.1409



109.9980, -3.4500, 33.3278

Square

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



94.5940, 18.9342, -53.1409



110.5290, 14.5292, 6.5521



108.8810, -12.7593, 32.5534



103.5740, -14.0870, -8.3964

Rectangle

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



94.5940, 18.9342, -53.1409



104.8780, 21.7521, -23.5720



108.8810, -12.7593, 32.5534



106.6370, -19.5410, 14.3504

Sweetspot

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



94.5940, 18.9342, -53.1409



158.7030, 7.0484, -20.7875



93.8230, -22.0977, -52.4648



77.7750, 4.5479, -12.0807



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.5940, 18.9342, -53.1409



113.4530, 29.3567, -82.8353



65.8310, 33.1143, -27.9158



63.6190, 1.1738, -3.1739



79.3900, 24.9507, -69.6250



1.5160, 0.7316, -1.3295

Inverse Universe

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



73.1770, 22.0977, 52.4648



79.9800, 34.5199, 81.5785



101.1690, -33.1143, 27.9158



62.3640, 1.2995, 3.1888



51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 94.5940, 18.9342, -53.1409 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 94.5940, 18.9342, -53.1409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

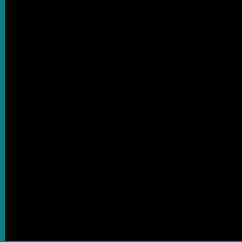
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5940, 18.9342, -53.1409

Background



This preview shows how black text looks on a background with the YUV color 94.5940, 18.9342, -53.1409.

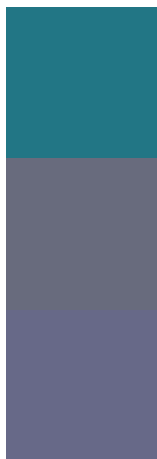


This preview shows how white text looks on a background with the YUV color 94.5940, 18.9342,

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

94.5940, 18.9342, -53.1409

Protanopia

108.1550, 8.3046, -3.6439

Deuteranopia

107.9360, 13.8356, -4.3289



Tritanopia

93.4150, 17.0504, -55.6150

Trichromacy



Original Color

94.5940, 18.9342, -53.1409

Protanomaly

103.3700, 12.1426, -21.3725

Deuteranomaly

103.2820, 15.6370, -22.1723

Tritanomaly

93.9420, 17.7766, -55.2001

Monochromacy



Original Color

94.5940, 18.9342, -53.1409

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7140, 7.0430, -19.0432

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5940, 18.9342, -53.1409 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(34, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(34, 118, 133)  
}
```

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(34, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 118, 133) }
```

Border

The CSS property to change the border of an element to YUV 94.5940, 18.9342, -53.1409 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(34, 118, 133) }
```


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

```
.border{ border-color:rgb(34, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(34, 118,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 94.5940, 18.9342, -53.1409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 118, 133) }
```

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

```
.background{ background-color: rgb(34, 118,  
133) }
```

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