

Converting Colors

YUV(76.9940, 5.9190, 14.9143)

Have a look what the booklet for
YUV(76.9940, 5.9190, 14.9143)
contains.

| | |
|--|----|
| YUV(76.9940, 5.9190, 14.9143) | 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(76.9940, 5.9190,
14.9143)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5E4259 |
| RGB | 94, 66, 89 |
| RGB Percent | 37%, 26%, 35% |
| CMY | 0.6314, 0.7412, 0.6510 |
| CMYK | 0.00, 0.30, 0.05, 0.63 |
| HSL | 311°, 18%, 31% |
| HSV | 311°, 30%, 37% |
| XYZ | 8.3675, 6.9974, 10.3608 |
| YIQ | 76.9940, 9.3050, 13.0890 |

Conversions

Conversions Part 2

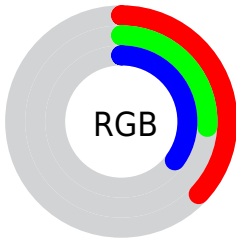
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 94, 66, 89 |
| Decimal | 6177369 |
| CIE _{Lab} | 31.80, 16.39, -8.89 |
| CIE _{LCh} | 32, 18.646, 331.517 |
| Yxy | 6.9974, 0.3253, 0.2720 |
| Android (android.graphics.Color) | 4284367449 (0xFF5E4259) |
| YUV | 76.9940, 5.9190, 14.9143 |
| Hunter-Lab | 26.4526, 10.1712, -4.7056 |

Details

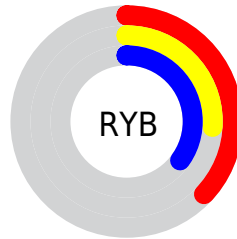
The YUV color **76.9940, 5.9190, 14.9143** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.0060, -5.9190, -14.9143**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1190, 6.3503, 16.5586**, and **31.8690, 5.4876, 13.2699** is the 20% darker color. If you saturate the color by 10%, you get **71.4830, 7.6499, 19.7474**, and if you desaturate by 10%, it is **82.5050, 4.1880, 10.0811**.

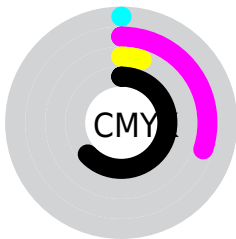
Distribution



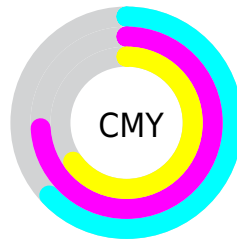
- Red (37%)
- Green (26%)
- Blue (35%)



- Red (37%)
- Yellow (26%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (63%)



- Cyan (63%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.9940, 5.9190, 14.9143 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 76.9940, 5.9190, 14.9143 by changing the saturation by 10% instead.

76.9940, 5.9190,
14.9143

76.9940, 5.9190,
14.9143

255.0000, 0.0000,
0.0000

54.2820, 5.7770,
13.7847

126.1190, 6.3503,
16.5586

31.8690, 5.4876,
13.2699

152.4180, 6.2029,
17.1734

10.9940, 5.9190,
14.9143

178.8310, 6.4923,
17.6882

0.0000, 0.0000,
0.0000

206.8310, 6.4923,
17.6882

234.9450, 6.9291,
17.5882

252.0650, 1.4470,

2.5740

■ 76.9940, 5.9190,
14.9143

■ 76.9940, 5.9190,
14.9143

■ 71.4830, 7.6499,
19.7474

■ 82.5050, 4.1880,
10.0811

■ 65.4990, 10.1070,
24.9954

■ 88.4890, 1.7309,
4.8331

■ 59.9880, 11.8379,
29.8285

■ 94.0000, 0.0000,
0.0000

■ 53.8900, 13.8582,
35.1765

■ 100.0980, -2.0203,
-5.3479

■ 48.4930, 16.0260,
39.9096

■ 105.4950, -4.1880,
-10.0811

■ 42.9820, 17.7569,
44.7428

■ 111.0060, -5.9190,
-14.9143

■ 36.8840, 19.7772,
50.0907

■ 117.1040, -7.9393,
-20.2622

■ 122.5010,
-10.1070, -24.9954

■ 128.5990,
-12.1273, -30.3433

Harmonies

Analogous

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



76.3990, 11.6353, 1.4041



76.9940, 5.9190, 14.9143



76.9150, -0.9441, 22.8765

Triad

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



76.9940, 5.9190, 14.9143



73.6840, -14.1412, 9.0471



65.2710, 12.1914, -37.0717

Complementary

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



76.9940, 5.9190, 14.9143



83.0060, -5.9190, -14.9143

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.



67.4370, 3.7286, -29.3242



76.9940, 5.9190, 14.9143



72.5900, -11.6299, -3.1484

Square

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



76.9940, 5.9190, 14.9143



74.9070, -12.2792, 18.4986



69.6360, -4.7505, -16.3438



68.5260, 15.5167, -30.2793

Rectangle

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



76.9940, 5.9190, 14.9143



76.0740, -5.4595, 24.4911



69.6360, -4.7505, -16.3438



65.8860, 9.4232, -35.8570

Sweetspot

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



76.9940, 5.9190, 14.9143



115.3150, 2.3097, 5.8627



70.6870, 11.4933, 0.2745



56.7770, 1.5889, 3.7036



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.9940, 5.9190, 14.9143



95.3740, 9.6756, 23.3510



75.3980, -0.1962, 16.3140



42.9510, 1.0102, 2.6740



43.1500, 23.0970, 58.6274



93.0930, 50.2402, 126.2064

Inverse Universe

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



76.9940, 5.9190, 14.9143



95.3740, 9.6756, 23.3510



84.6020, 0.1962, -16.3140



42.9510, 1.0102, 2.6740



43.1500, 23.0970, 58.6274



93.0930, 50.2402, 126.2064

Previews

White Background



This preview shows how the YUV color 76.9940, 5.9190, 14.9143 looks on a white background.

Color Contrast Check

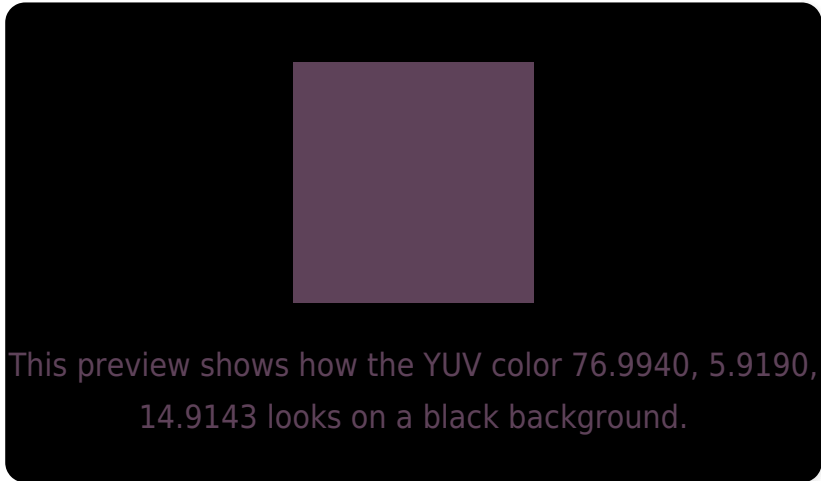
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

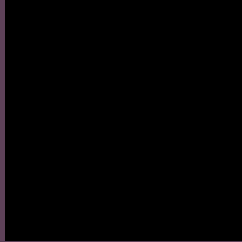
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9940, 5.9190, 14.9143

Background



This preview shows how black text looks on a background with the YUV color 76.9940, 5.9190, 14.9143.



This preview shows how white text looks on a background with the YUV color 76.9940, 5.9190,

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

76.9940, 5.9190, 14.9143

Protanopia

75.1980, 9.7624, -4.5586

Deuteranopia

75.6070, 6.1097, 0.3447



Tritanopia

76.4470, -1.2064, 13.6400

Trichromacy



Original Color

76.9940, 5.9190, 14.9143

Protanomaly

75.9000, 8.4303, 2.7187

Deuteranomaly

75.9390, 5.9461, 6.1925

Tritanomaly

76.7290, 1.1196, 14.2697

Monochromacy



Original Color

76.9940, 5.9190, 14.9143

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9020, 2.0203, 5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9940, 5.9190, 14.9143 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, 66, 89)` looks like.

```
.text, #text, p{  
    color:rgb(94, 66, 89)  
}
```

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, 66, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 66, 89) }
```

Border

The CSS property to change the border of an element to YUV 76.9940, 5.9190, 14.9143 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, 66, 89) }
```


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

```
.border{ border-color:rgb(94, 66, 89) }
```

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

Here you see how a box with a 4 pixel rgb(94, 66, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 66, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 66, 89);  
box-shadow:4px 4px 4px 4px rgb(94, 66, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.9940, 5.9190, 14.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 66, 89) }
```

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

```
.background{ background-color: rgb(94, 66,  
89) }
```

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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