

Converting Colors

YUV(59.9490, 3.9691, -13.1103)

Have a look what the booklet for
YUV(59.9490, 3.9691, -13.1103)
contains.

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Color

**YUV(59.9490, 3.9691,
-13.1103)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2D4244 |
| RGB | 45, 66, 68 |
| RGB Percent | 18%, 26%, 27% |
| CMY | 0.8235, 0.7412, 0.7333 |
| CMYK | 0.34, 0.03, 0.00, 0.73 |
| HSL | 185°, 20%, 22% |
| HSV | 185°, 34%, 27% |
| XYZ | 4.0738, 4.8717, 6.1945 |
| YIQ | 59.9490, -13.1580, -3.8300 |

Conversions

Conversions Part 2

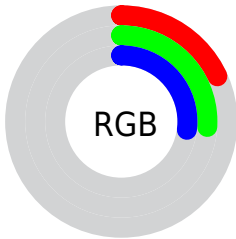
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 45, 56, 68 |
| Decimal | 2966084 |
| CIE _{Lab} | 26.37, -7.63, -3.88 |
| CIE _{LCh} | 26, 8.559, 206.927 |
| Yxy | 4.8717, 0.2691, 0.3218 |
| Android (android.graphics.Color) | 4281156164 (0xFF2D4244) |
| YUV | 59.9490, 3.9691, -13.1103 |
| Hunter-Lab | 22.0719, -5.6801, -1.1894 |

Details

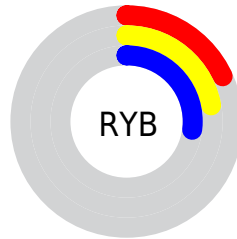
The YUV color **59.9490, 3.9691, -13.1103** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.0510, -3.9691, 13.1103**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6500, 4.1166, -13.7250**, and **16.9380, 3.9746, -14.8546** is the 20% darker color. If you saturate the color by 10%, you get **57.2690, 5.2904, -16.8989**, and if you desaturate by 10%, it is **62.6290, 2.6479, -9.3216**.

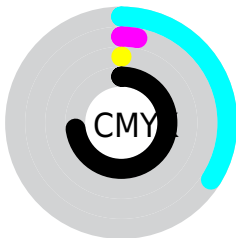
Distribution



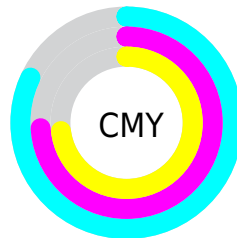
- Red (18%)
- Green (26%)
- Blue (27%)



- Red (18%)
- Yellow (22%)
- Blue (27%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9490, 3.9691, -13.1103 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 59.9490, 3.9691, -13.1103 by changing the saturation by 10% instead.

■ 59.9490, 3.9691,
-13.1103

■ 59.9490, 3.9691,
-13.1103

■ 255.0000, 0.0000,
0.0000

■ 37.9490, 3.9691,
-13.1103

■ 107.6500, 4.1166,
-13.7250

■ 16.9380, 3.9746,
-14.8546

■ 132.7640, 4.5533,
-13.8250

■ 0.0000, 0.0000,
0.0000

■ 159.0520, 4.4114,
-14.9546

■ 186.0520, 4.4114,
-14.9546

■ 213.7530, 4.5588,
-15.5694

■ 241.8670, 4.9956,

-15.6694

254.4020, 0.2948,
-1.2296

■ 59.9490, 3.9691,
-13.1103

■ 59.9490, 3.9691,
-13.1103

■ 57.2690, 5.2904,
-16.8989

■ 62.6290, 2.6479,
-9.3216

■ 55.1760, 6.3222,
-21.2024

■ 64.7220, 1.6161,
-5.0182

■ 52.7950, 7.4961,
-24.3762

■ 67.1030, 0.4422,
-1.8443

■ 50.7020, 8.5279,
-28.6797

■ 69.1960, -0.5896,
2.4591

■ 48.0220, 9.8492,
-32.4683

■ 71.8760, -1.9109,
6.2477

■ 45.3420, 11.1704,
-36.2569

■ 74.5560, -3.2321,
10.0364

■ 44.1460, 11.7600,
-38.7160

■ 76.6490, -4.2640,
14.3398

■ 79.0300, -5.4378,
17.5137

■ 81.1230, -6.4696,
21.8171

Harmonies

Analogous

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



60.0480, 0.4693, -10.5661



59.9490, 3.9691, -13.1103



60.5300, 6.1477, -11.8658

Triad

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



59.9490, 3.9691, -13.1103



63.5430, 3.1833, 5.6628



62.3120, -6.5628, 4.9884

Complementary

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



59.9490, 3.9691, -13.1103



53.0510, -3.9691, 13.1103

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.



63.2740, -5.5581, 9.4067



59.9490, 3.9691, -13.1103



63.6530, -0.3219, 9.9513

Square

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



59.9490, 3.9691, -13.1103



63.0800, 5.3836, -0.0702



63.2680, -3.0901, 11.1660



61.6210, -5.2362, -0.5446

Rectangle

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



59.9490, 3.9691, -13.1103



61.6660, 6.5737, -8.4771



63.2680, -3.0901, 11.1660



62.4370, -6.1314, 6.6328

Sweetspot

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



59.9490, 3.9691, -13.1103



85.7220, 1.6161, -5.0182



58.7290, -5.7824, -12.0403



43.6190, 1.1738, -3.1739



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.9490, 3.9691, -13.1103



76.4750, 6.1748, -20.5876



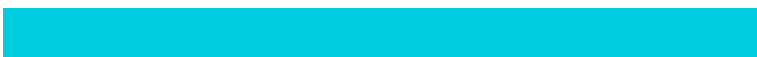
53.4920, 7.1524, -7.4475



32.1030, 0.4422, -1.8443



62.7140, 16.9030, -55.0002



145.8710, 38.5176, -127.9289

Inverse Universe

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



54.2710, 5.7824, 12.0403



67.5260, 9.1077, 18.8327



59.5080, -7.1524, 7.4475



31.2390, 0.8682, 1.5444



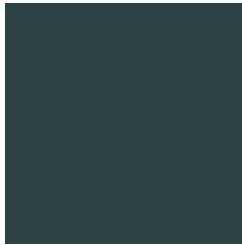
39.0350, 24.1397, 50.8353



90.3460, 56.5244, 117.2146

Previews

White Background



This preview shows how the YUV color 59.9490, 3.9691, -13.1103 looks on a white background.

Color Contrast Check

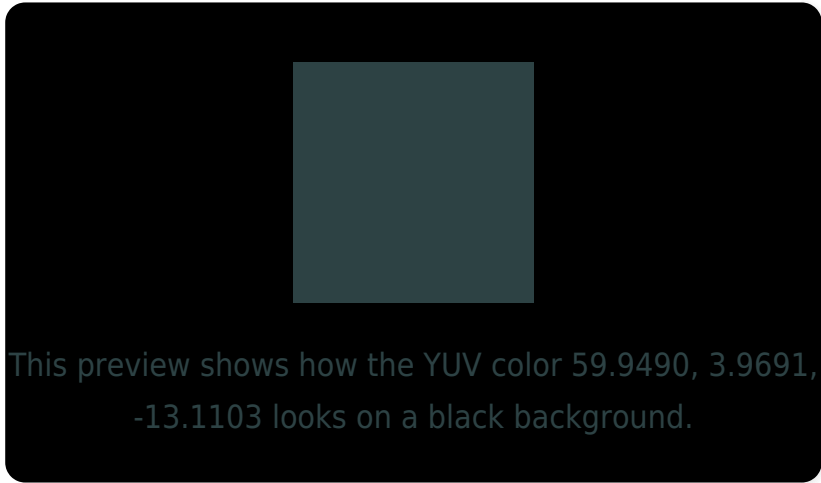
Large Text (above 18pt) WCAG AA ✓ Pass

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

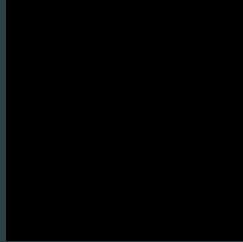
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

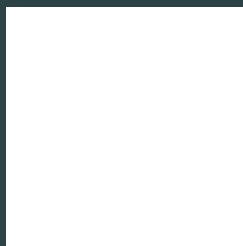
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.9490, 3.9691, -13.1103

Background



This preview shows how black text looks on a background with the YUV color 59.9490, 3.9691, -13.1103.



This preview shows how white text looks on a background with the YUV color 59.9490, 3.9691, -13.1103.

-13.1103.

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

59.9490, 3.9691, -13.1103

Protanopia

62.3420, 1.3104, -0.2999

Deuteranopia

63.1080, 2.9048, 1.6593



Tritanopia

60.5900, 5.1321, -12.7954

Trichromacy



Original Color

59.9490, 3.9691, -13.1103

Protanomaly

61.2490, 2.3422, -4.6034

Deuteranomaly

62.1890, 3.3578, -3.6738

Tritanomaly

60.4760, 4.6953, -12.6955

Monochromacy



Original Color

59.9490, 3.9691, -13.1103

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9490, 3.9691, -13.1103 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(45, 66, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 66, 68)  
}
```

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(45, 66, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 66, 68) }
```

Border

The CSS property to change the border of an element to YUV 59.9490, 3.9691, -13.1103 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(45, 66, 68) }
```


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

```
.border{ border-color:rgb(45, 66, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 66, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 66, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 66, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 66, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9490, 3.9691, -13.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 66, 68) }
```

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

```
.background{ background-color: rgb(45, 66,  
68) }
```

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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