

Converting Colors

YUV(63.0490, 26.1048, 27.1440)

Have a look what the booklet for
YUV(63.0490, 26.1048, 27.1440)
contains.

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Color

**YUV(63.0490, 26.1048,
27.1440)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 5E2574 |
| RGB | 94, 37, 116 |
| RGB Percent | 37%, 15%, 45% |
| CMY | 0.6314, 0.8549, 0.5451 |
| CMYK | 0.19, 0.68, 0.00, 0.55 |
| HSL | 283°, 52%, 30% |
| HSV | 283°, 68%, 45% |
| XYZ | 8.4300, 4.9638, 17.0368 |
| YIQ | 63.0490, 8.6130, 36.6530 |

Conversions

Conversions Part 2

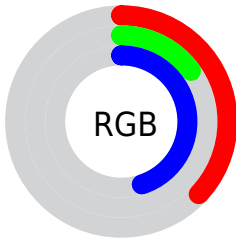
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 94, 37, 116 |
| Decimal | 6169972 |
| CIE _{Lab} | 26.63, 39.23, -34.27 |
| CIE _{LCh} | 27, 52.087, 318.857 |
| Yxy | 4.9638, 0.2770, 0.1631 |
| Android (android.graphics.Color) | 4284360052 (0xFF5E2574) |
| YUV | 63.0490, 26.1048, 27.1440 |
| Hunter-Lab | 22.2795, 28.5510, -29.7424 |

Details

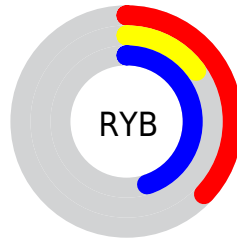
The YUV color **63.0490, 26.1048, 27.1440** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **89.9510, -26.1048, -27.1440**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7010, 27.2624, 29.2032**, and **20.7940, 22.7796, 20.3517** is the 20% darker color. If you saturate the color by 10%, you get **55.1080, 30.0198, 31.4773**, and if you desaturate by 10%, it is **70.9900, 22.1899, 22.8108**.

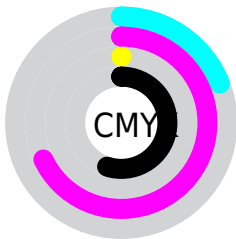
Distribution



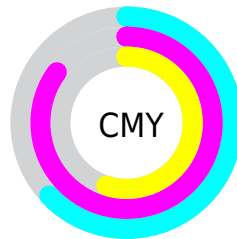
- Red (37%)
- Green (15%)
- Blue (45%)



- Red (37%)
- Yellow (15%)
- Blue (45%)



- Cyan (19%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0490, 26.1048, 27.1440 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 63.0490, 26.1048, 27.1440 by changing the saturation by 10% instead.

63.0490, 26.1048,
27.1440

63.0490, 26.1048,
27.1440

255.0000, 0.0000,
0.0000

36.8750, 26.6836,
28.1736

113.7010, 27.2624,
29.2032

20.7940, 22.7796,
20.3517

140.1140, 27.5518,
29.7180

11.2950, 16.1236,
8.5113

166.9400, 28.1306,
30.7476

3.0950, 9.3202,
-2.7143

194.7660, 28.7094,
31.7772

0.0000, 0.0000,
0.0000

218.0190, 18.2316,
32.4323

235.0420, 9.8393,

17.5032

251.4780, 1.7363,
3.0888

63.0490, 26.1048,
27.1440

63.0490, 26.1048,
27.1440

55.1080, 30.0198,
31.4773

70.9900, 22.1899,
22.8108

47.7540, 33.6453,
35.2957

78.3440, 18.5644,
18.9923

39.5140, 37.7076,
39.0142

86.5840, 14.5021,
15.2738

38.3400, 38.2864,
40.0438

93.9380, 10.8766,
11.4554

101.8790, 6.9617,
7.1221

■ 109.8200, 3.0467,
2.7889

■ 117.4730, -0.7262,
-0.4148

■ 125.4140, -4.6411,
-4.7481

■ 132.7680, -8.2666,
-8.5665

Harmonies

Analogous

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



50.4790, 43.6409, -44.2701



63.0490, 26.1048, 27.1440



47.9570, 15.7972, 66.6897

Triad

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



63.0490, 26.1048, 27.1440



59.7820, -29.4725, 26.5012



56.9920, 15.2869, -49.9820

Complementary

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



63.0490, 26.1048, 27.1440



89.9510, -26.1048, -27.1440

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.



51.6170, -2.7692, -45.2681



63.0490, 26.1048, 27.1440



56.9480, -28.0754, -1.7084

Square

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



63.0490, 26.1048, 27.1440



55.5280, -27.3753, 53.9109



44.0250, -21.7043, -38.6099



59.8080, 31.1537, -52.4516

Rectangle

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



63.0490, 26.1048, 27.1440



45.2110, 3.8400, 75.2370



44.0250, -21.7043, -38.6099



54.8090, 9.4612, -48.0675

Sweetspot

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



63.0490, 26.1048, 27.1440



129.9980, 9.8610, 10.5258



58.9200, 28.1404, -19.2238



64.0530, 6.3829, 6.0925



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



63.0490, 26.1048, 27.1440



67.6330, 40.6069, 42.4179



67.6890, 15.4363, 42.3687



54.8800, 2.0312, 1.8592



40.2200, 40.3175, 41.9031



82.3200, 82.6662, 85.6654

Inverse Universe

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



63.1290, -2.0356, 46.3679



67.6530, -3.2799, 72.2183



85.3110, -15.4363, -42.3687



54.9080, -0.4476, 3.5887



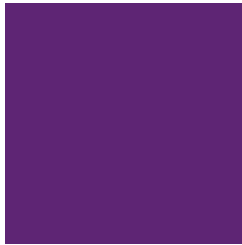
40.3540, -3.1325, 71.6035



82.7300, -6.2759, 146.6958

Previews

White Background



This preview shows how the YUV color 63.0490, 26.1048, 27.1440 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

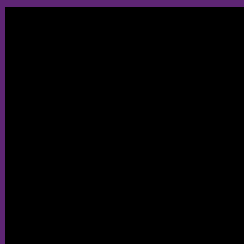
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0490, 26.1048, 27.1440

Background



This preview shows how black text looks on a background with the YUV color 63.0490, 26.1048, 27.1440.



This preview shows how white text looks on a background with the YUV color 63.0490, 26.1048,

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

63.0490, 26.1048, 27.1440

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

58.5830, 25.8416, -28.5753



Tritanopia

64.7250, -2.8224, 18.6582

Trichromacy



Original Color

63.0490, 26.1048, 27.1440

Protanomaly

55.6410, 34.6870, -18.9792

Deuteranomaly

60.4160, 25.9239, -8.2578

Tritanomaly

63.9070, 7.9338, 22.0066

Monochromacy



Original Color

63.0490, 26.1048, 27.1440

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0490, 26.1048, 27.1440 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, 37, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 37, 116)  
}
```

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, 37, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 37, 116) }
```

Border

The CSS property to change the border of an element to YUV 63.0490, 26.1048, 27.1440 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, 37, 116) }
```


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

```
.border{ border-color:rgb(94, 37, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 37, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 37, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 37, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 37,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 63.0490, 26.1048, 27.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 37, 116) }
```

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

```
.background{ background-color: rgb(94, 37,  
116) }
```

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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