

Converting Colors

YUV(50.8510, 16.3425, 31.7027)

Have a look what the booklet for
YUV(50.8510, 16.3425, 31.7027)
contains.

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Color

**YUV(50.8510, 16.3425,
31.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	571A54
RGB	87, 26, 84
RGB Percent	34%, 10%, 33%
CMY	0.6588, 0.8980, 0.6706
CMYK	0.00, 0.70, 0.03, 0.66
HSL	303°, 54%, 22%
HSV	303°, 70%, 34%
XYZ	5.9001, 3.4051, 8.7338
YIQ	50.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

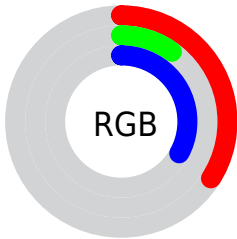
Format	Color
R_{YB}	87, 26, 84
Decimal	5708372
CIE _{Lab}	21.60, 35.91, -21.43
CIE _{LCh}	22, 41.821, 329.176
Yxy	3.4051, 0.3271, 0.1888
Android (android.graphics.Color)	4283898452 (0xFF571A54)
YUV	50.8510, 16.3425, 31.7027
Hunter-Lab	18.4530, 24.7805, -15.1449

Details

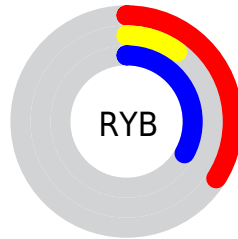
The YUV color **50.8510, 16.3425, 31.7027** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62.1490, -16.3425, -31.7027**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8620, 16.3370, 33.4470**, and **16.7050, 10.9914, 21.3067** is the 20% darker color. If you saturate the color by 10%, you get **45.5680, 18.9470, 36.3359**, and if you desaturate by 10%, it is **56.1340, 13.7379, 27.0695**.

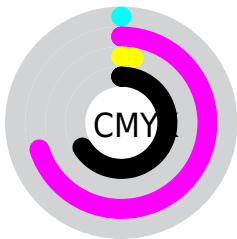
Distribution



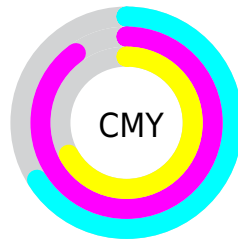
- Red (34%)
- Green (10%)
- Blue (33%)



- Red (34%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (3%)
- Black (66%)



- Cyan (66%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8510, 16.3425, 31.7027 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 50.8510, 16.3425, 31.7027 by changing the saturation by 10% instead.

■ 50.8510, 16.3425,
31.7027

■ 50.8510, 16.3425,
31.7027

■ 255.0000, 0.0000,
0.0000

■ 25.4920, 17.5054,
32.0175

■ 100.8620, 16.3370,
33.4470

■ 16.7050, 10.9914,
21.3067

■ 126.5740, 16.4790,
34.5766

■ 2.4110, 6.6994,
-2.1144

■ 153.2860, 16.6210,
35.7062

■ 0.0000, 0.0000,
0.0000


■ 180.1120, 17.1998,
36.7358


■ 208.5250, 17.4892,
37.2506


■ 227.4110, 13.6014,


24.1956

 243.8470, 5.4984,
9.7812


 50.8510, 16.3425,
31.7027


 50.8510, 16.3425,
31.7027


 45.5680, 18.9470,
36.3359


 56.1340, 13.7379,
27.0695


 40.7580, 20.8253,
40.5542

 60.9440, 11.8596,
22.8511

 35.4750, 23.4298,
45.1874

 66.2270, 9.2551,
18.2179

 71.6240, 7.0874,
13.4848

 76.9070, 4.4828,
8.8516

■ 81.7170, 2.6045,
4.6332

■ 87.0000, 0.0000,
0.0000

■ 92.2830, -2.6045,
-4.6332

■ 97.0930, -4.4828,
-8.8516

Harmonies

Analogous

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



51.3670, 26.9341, -5.5839



50.8510, 16.3425, 31.7027



43.1220, 5.3629, 53.3900

Triad

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



50.8510, 16.3425, 31.7027



49.0840, -24.1984, 14.8353



47.3890, 16.5702, -41.5602

Complementary

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



50.8510, 16.3425, 31.7027



62.1490, -16.3425, -31.7027

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.



43.8550, 3.0295, -38.4608



50.8510, 16.3425, 31.7027



44.8100, -22.0913, -7.7264

Square

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



50.8510, 16.3425, 31.7027



48.3300, -23.8267, 35.6676



38.9190, -10.8061, -34.1320



48.9510, 27.6322, -42.9300

Rectangle

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



50.8510, 16.3425, 31.7027



43.4890, -4.6781, 53.9451



38.9190, -10.8061, -34.1320



46.2490, 12.2022, -40.5604

Sweetspot

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



50.8510, 16.3425, 31.7027



98.3850, 6.2192, 11.9404



33.5520, 26.3499, -4.8691



47.6680, 3.6147, 7.3072



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



50.8510, 16.3425, 31.7027



56.3660, 25.4556, 48.7910



47.4310, 3.2385, 34.7020



40.6520, 1.1576, 2.0592



43.6210, 28.7808, 55.5834



95.6870, 62.7653, 122.1775

Inverse Universe

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



50.8510, 16.3425, 31.7027



56.3660, 25.4556, 48.7910



65.5690, -3.2385, -34.7020



40.6520, 1.1576, 2.0592



43.6210, 28.7808, 55.5834



95.6870, 62.7653, 122.1775

Previews

White Background



This preview shows how the YUV color 50.8510, 16.3425, 31.7027 looks on a white background.

Color Contrast Check

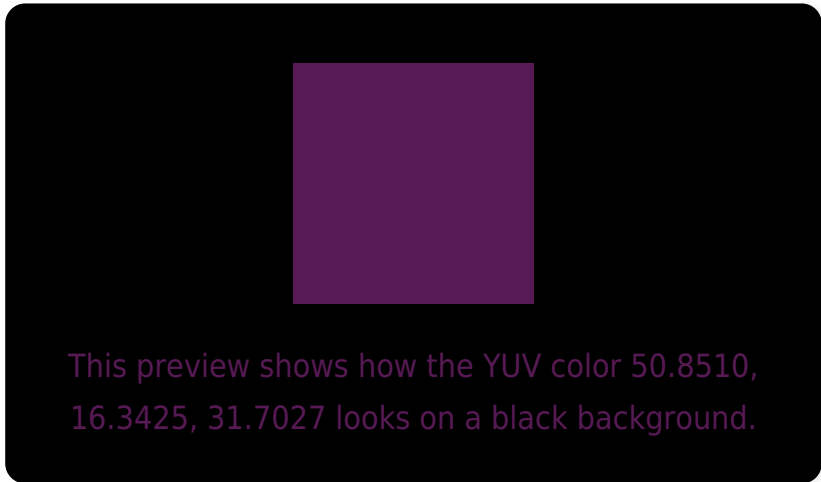
Large Text (above 18pt) WCAG AA ✓ Pass

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

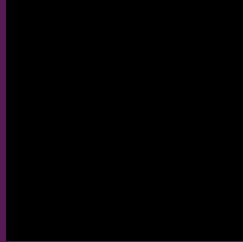
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8510, 16.3425, 31.7027

Background



This preview shows how black text looks on a background with the YUV color 50.8510, 16.3425, 31.7027.



This preview shows how white text looks on a background with the YUV color 50.8510, 16.3425,

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

50.8510, 16.3425, 31.7027

Protanopia

46.0220, 30.0622, -28.9603

Deuteranopia

52.4900, 13.5624, -10.0767



Tritanopia

52.7860, -5.3175, 25.6207

Trichromacy



Original Color

50.8510, 16.3425, 31.7027

Protanomaly

47.9000, 25.1923, -6.9283

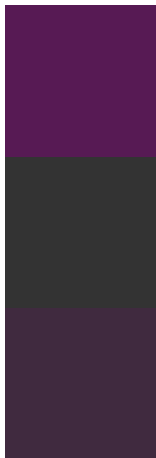
Deuteranomaly

51.8170, 14.3872, 5.4225

Tritanomaly

52.1590, 2.3866, 27.9246

Monochromacy



Original Color

50.8510, 16.3425, 31.7027

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8510, 16.3425, 31.7027 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(87, 26, 84)` looks like.

```
.text, #text, p{  
    color:rgb(87, 26, 84)  
}
```

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(87, 26, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 26, 84) }
```

Border

The CSS property to change the border of an element to YUV 50.8510, 16.3425, 31.7027 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(87, 26, 84) }
```


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

```
.border{ border-color:rgb(87, 26, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 26, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 26, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 26, 84);  
box-shadow:4px 4px 4px 4px rgb(87, 26, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8510, 16.3425, 31.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 26, 84) }
```

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

```
.background{ background-color: rgb(87, 26,  
84) }
```

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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