

Converting Colors

YUV(51.4210, 18.5264, 31.2028)

Have a look what the booklet for
YUV(51.4210, 18.5264, 31.2028)
contains.

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Color

**YUV(51.4210, 18.5264,
31.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	571A59
RGB	87, 26, 89
RGB Percent	34%, 10%, 35%
CMY	0.6588, 0.8980, 0.6510
CMYK	0.02, 0.71, 0.00, 0.65
HSL	298°, 55%, 23%
HSV	298°, 71%, 35%
XYZ	6.1030, 3.4863, 9.8024
YIQ	51.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

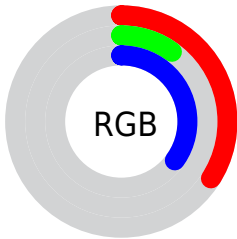
Format	Color
R_{YB}	87, 26, 89
Decimal	5708377
CIE _{Lab}	21.89, 36.88, -24.30
CIE _{LCh}	22, 44.166, 326.618
Yxy	3.4863, 0.3147, 0.1798
Android (android.graphics.Color)	4283898457 (0xFF571A59)
YUV	51.4210, 18.5264, 31.2028
Hunter-Lab	18.6716, 25.6696, -18.0566

Details

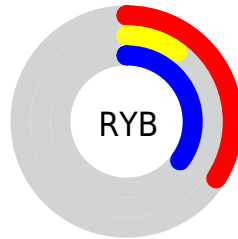
The YUV color **51.4210, 18.5264, 31.2028** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.5790, -18.5264, -31.2028**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4320, 18.5210, 32.9471**, and **17.1610, 12.7386, 20.9068** is the 20% darker color. If you saturate the color by 10%, you get **46.1380, 21.1310, 35.8360**, and if you desaturate by 10%, it is **56.7040, 15.9219, 26.5696**.

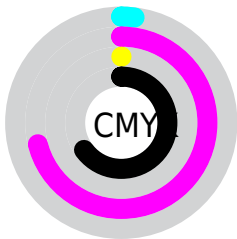
Distribution



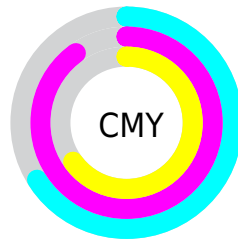
- Red (34%)
- Green (10%)
- Blue (35%)



- Red (34%)
- Yellow (10%)
- Blue (35%)



- Cyan (2%)
- Magenta (71%)
- Yellow (0%)
- Black (65%)



- Cyan (66%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4210, 18.5264, 31.2028 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 51.4210, 18.5264, 31.2028 by changing the saturation by 10% instead.

■ 51.4210, 18.5264,
31.2028

■ 51.4210, 18.5264,
31.2028

■ 255.0000, 0.0000,
0.0000

■ 25.9480, 19.2526,
31.6176

■ 101.4320, 18.5210,
32.9471

■ 17.1610, 12.7386,
20.9068

■ 127.2580, 19.0998,
33.9767

■ 2.3940, 9.1728,
-2.0995

■ 153.9700, 19.2418,
35.1063


■ 0.0000, 0.0000,
0.0000


■ 181.3830, 19.5312,
35.6211


■ 209.2090, 20.1100,
36.6507


■ 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 51.4210, 18.5264,
31.2028


 51.4210, 18.5264,
31.2028


 46.1380, 21.1310,
35.8360

 56.7040, 15.9219,
26.5696


 40.5560, 23.8829,
39.8544

 62.2860, 13.1700,
22.5512

 35.8600, 26.1980,
43.9728

 67.5690, 10.5655,
17.9180

 72.8520, 7.9610,
13.2848

 78.1350, 5.3564,
8.6516

■ 83.1300, 2.8939,
5.1480

■ 88.4130, 0.2894,
0.5148

■ 93.6960, -2.3151,
-4.1184

■ 99.2780, -5.0671,
-8.1368

Harmonies

Analogous

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



50.5450, 30.2973, -11.0020



51.4210, 18.5264, 31.2028



41.2410, 8.2622, 56.7936

Triad

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



51.4210, 18.5264, 31.2028



49.9810, -24.6406, 16.6797



47.9760, 16.2808, -42.0750

Complementary

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



51.4210, 18.5264, 31.2028



63.5790, -18.5264, -31.2028

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.



44.2140, 1.8665, -38.7757



51.4210, 18.5264, 31.2028



45.9950, -22.6755, -7.0116

Square

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



51.4210, 18.5264, 31.2028



48.3520, -23.8375, 39.1563



38.9360, -13.2794, -34.1469



49.7660, 28.2164, -43.6448

Rectangle

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



51.4210, 18.5264, 31.2028



40.5050, -2.2210, 59.1931



38.9360, -13.2794, -34.1469



46.7220, 11.4761, -40.9752

Sweetspot

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



51.4210, 18.5264, 31.2028



100.6130, 7.0928, 11.7404



34.3560, 26.9395, -7.3282



49.8960, 4.4883, 7.1072



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



51.4210, 18.5264, 31.2028



56.5770, 28.8025, 48.6060



48.7130, 5.5645, 35.3317



40.6520, 1.1576, 2.0592



43.2940, 31.4071, 53.2392



94.6630, 69.1861, 116.0595

Inverse Universe

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



45.0650, -8.4130, 38.5310



46.6440, -13.1355, 59.9482



66.2870, -5.5645, -35.3317



40.1960, -0.5896, 2.4591



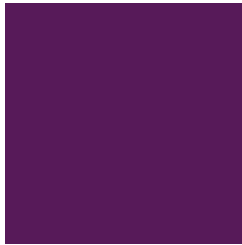
32.3350, -14.4622, 65.4812



71.0630, -31.5831, 143.7727

Previews

White Background



This preview shows how the YUV color 51.4210, 18.5264, 31.2028 looks on a white background.

Color Contrast Check

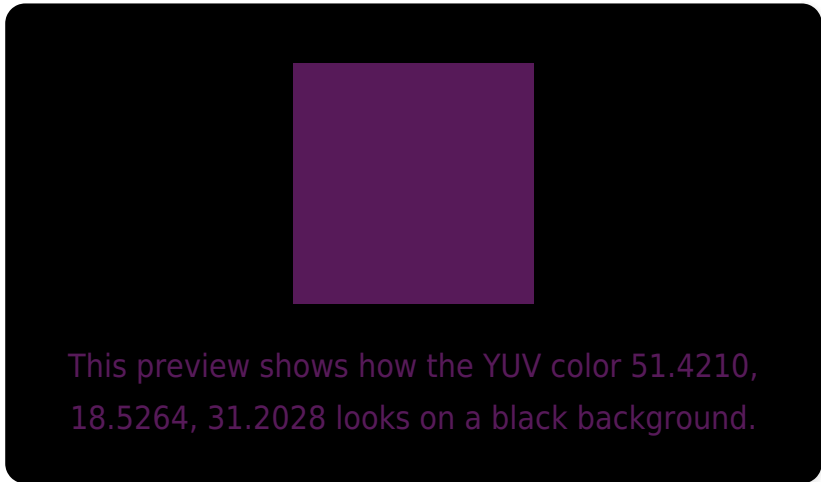
Large Text (above 18pt) WCAG AA ✓ Pass

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

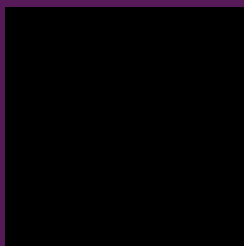
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4210, 18.5264, 31.2028

Background



This preview shows how black text looks on a background with the YUV color 51.4210, 18.5264, 31.2028.



This preview shows how white text looks on a background with the YUV color 51.4210, 18.5264,

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

51.4210, 18.5264, 31.2028

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

52.4510, 16.0467, -13.5505



Tritanopia

53.6010, -4.7333, 24.9059

Trichromacy



Original Color

51.4210, 18.5264, 31.2028

Protanomaly

46.4370, 27.3926, -12.6612

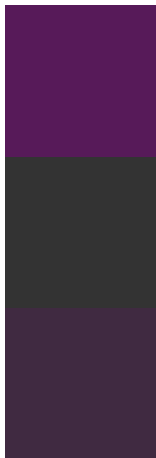
Deuteranomaly

52.0770, 16.7240, 2.5635

Tritanomaly

53.0880, 3.4076, 27.1098

Monochromacy



Original Color

51.4210, 18.5264, 31.2028

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4210, 18.5264, 31.2028 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, 89)` looks like.

```
.text, #text, p{  
  color:rgb(87, 26, 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(87, 26, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 26, 89) }
```

Border

The CSS property to change the border of an element to YUV 51.4210, 18.5264, 31.2028 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, 89) }
```


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

```
.border{ border-color:rgb(87, 26, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 26, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 26, 89);  
box-shadow:4px 4px 4px 4px rgb(87, 26, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4210, 18.5264, 31.2028 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, 89) }
```

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

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