

Converting Colors

YUV(101.0190, 55.2066,
26.2933)

Have a look what the booklet for
YUV(101.0190, 55.2066, 26.2933)
contains.

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Color

**YUV(101.0190, 55.2066,
26.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	8340D5
RGB	131, 64, 213
RGB Percent	51%, 25%, 84%
CMY	0.4863, 0.7490, 0.1647
CMYK	0.38, 0.70, 0.00, 0.16
HSL	267°, 64%, 54%
HSV	267°, 70%, 84%
XYZ	23.2037, 13.2962, 64.2942
YIQ	101.0190, -7.8970, 60.5430

Conversions

Conversions Part 2

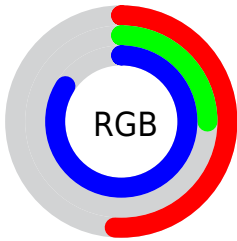
Format	Color
R_{YB}	131, 64, 213
Decimal	8601813
CIE _{Lab}	43.21, 57.30, -65.71
CIE _{LCh}	43, 87.182, 311.086
Yxy	13.2962, 0.2302, 0.1319
Android (android.graphics.Color)	4286791893 (0xFF8340D5)
YUV	101.0190, 55.2066, 26.2933
Hunter-Lab	36.4639, 49.7760, -79.0171

Details

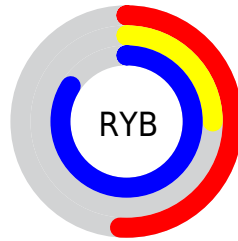
The YUV color **101.0190, 55.2066, 26.2933** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **175.9810, -55.2066, -26.2933**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2600, 49.6648, 30.4670**, and **40.0130, 57.6746, 28.0526** is the 20% darker color. If you saturate the color by 10%, you get **85.1040, 63.0527, 29.7268**, and if you desaturate by 10%, it is **116.9340, 47.3605, 22.8599**.

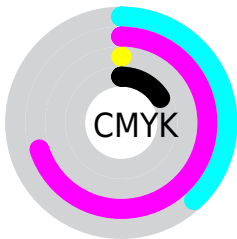
Distribution



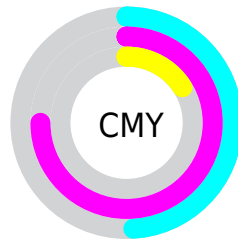
- Red (51%)
- Green (25%)
- Blue (84%)



- Red (51%)
- Yellow (25%)
- Blue (84%)



- Cyan (38%)
- Magenta (70%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (75%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0190, 55.2066, 26.2933 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 101.0190, 55.2066, 26.2933 by changing the saturation by 10% instead.

101.0190, 55.2066,
26.2933

101.0190, 55.2066,
26.2933

255.0000, 0.0000,
0.0000

73.3070, 55.0646,
25.1638

154.2600, 49.6648,
30.4670

40.0130, 57.6746,
28.0526

179.0790, 37.4291,
35.0107

26.7800, 50.8875,
11.5939

203.8980, 25.1933,
39.5545

11.8560, 45.4270,
-10.3977

222.1280, 16.2059,
28.8287

9.0060, 34.5070,
-7.8983

239.1510, 7.8136,
13.8996

9.2050, 22.5769,
-8.0728

4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 101.0190, 55.2066,
26.2933

■ 101.0190, 55.2066,
26.2933

■ 85.1040, 63.0527,
29.7268

■ 116.9340, 47.3605,
22.8599

■ 68.9010, 71.0408,
34.2898

■ 133.1370, 39.3725,
18.2969

■ 52.9860, 78.8869,
37.7233

■ 149.0520, 31.5264,
14.8634

■ 164.9670, 23.6803,
11.4299

■ 181.4690, 15.5448,
7.4817

■ 197.0850, 7.8461,
3.4335

■ 213.0000, 0.0000,
0.0000

■ 228.9150, -7.8461,
-3.4335

■ 244.5310,
-15.5448, -7.4817

Harmonies

Analogous

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



89.2060, 77.7924, -78.2337



101.0190, 55.2066, 26.2933



77.9110, 36.0329, 109.7031

Triad

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



101.0190, 55.2066, 26.2933



95.6860, -47.1732, 57.2804



90.9020, 18.2893, -79.7211

Complementary

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



101.0190, 55.2066, 26.2933



175.9810, -55.2066, -26.2933

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.



80.3630, -14.4760, -70.4784



101.0190, 55.2066, 26.2933



93.5950, -46.1423, 6.4942

Square

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



101.0190, 55.2066, 26.2933



72.1490, -35.5695, 115.6333



71.0270, -35.0163, -62.2907



98.7680, 48.4284, -86.6195

Rectangle

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



101.0190, 55.2066, 26.2933



77.5220, 12.5607, 124.9532



71.0270, -35.0163, -62.2907



87.4650, 7.6588, -76.7068

Sweetspot

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



101.0190, 55.2066, 26.2933



214.6310, 19.9019, 9.9706



130.2940, 40.7741, -58.1398



103.8340, 11.9138, 5.4076



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



101.0190, 55.2066, 26.2933



94.1000, 79.3237, 37.6233



122.5470, 44.5933, 70.5573



98.7490, 4.0677, 1.9741



42.5170, 63.3421, 30.2416



10.5830, 15.9816, 7.3817

Inverse Universe

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



117.8990, 13.8538, 83.4036



118.4380, 19.9971, 119.7649



154.4530, -44.5933, -70.5573



99.9730, 0.9993, 6.1627



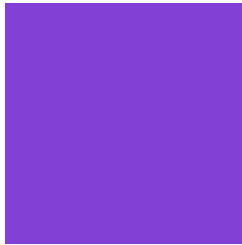
61.8450, 15.8524, 95.7289



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 101.0190, 55.2066, 26.2933 looks on a white background.

Color Contrast Check

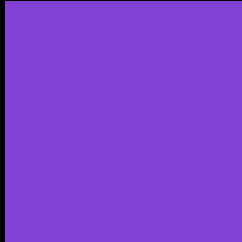
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.0190, 55.2066, 26.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

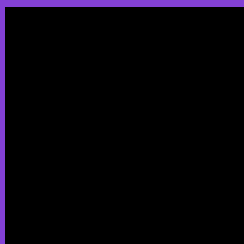
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.0190, 55.2066, 26.2933

Background



This preview shows how black text looks on a background with the YUV color 101.0190, 55.2066, 26.2933.



This preview shows how white text looks on a background with the YUV color 101.0190, 55.2066, 26.2933.

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

101.0190, 55.2066, 26.2933

Protanopia

81.8250, 62.2043, -71.7605

Deuteranopia

82.2690, 48.6744, -72.1499



Tritanopia

102.6030, 2.1677, 4.7332

Trichromacy



Original Color

101.0190, 55.2066, 26.2933

Protanomaly

88.7740, 59.7644, -35.7588

Deuteranomaly

89.1840, 51.1813, -36.1184

Tritanomaly

101.8100, 21.7857, 12.4446

Monochromacy



Original Color

101.0190, 55.2066, 26.2933

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.3320, 20.0493, 9.3558

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0190, 55.2066, 26.2933 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(131, 64, 213)` looks like.

```
.text, #text, p{  
    color:rgb(131, 64, 213)  
}
```

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(131, 64, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 64, 213) }
```

Border

The CSS property to change the border of an element to YUV 101.0190, 55.2066, 26.2933 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(131, 64, 213) }
```


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

```
.border{ border-color:rgb(131, 64, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 64, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 64, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 64, 213);  
box-shadow:4px 4px 4px 4px rgb(131, 64,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 101.0190, 55.2066, 26.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 64, 213) }
```

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

```
.background{ background-color: rgb(131, 64,  
213) }
```

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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