

Converting Colors

YUV(50.4420, 19.9951, 26.7994)

Have a look what the booklet for
YUV(50.4420, 19.9951, 26.7994)
contains.

YUV(50.4420, 19.9951, 26.7994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(50.4420, 19.9951,
26.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	511B5B
RGB	81, 27, 91
RGB Percent	32%, 11%, 36%
CMY	0.6824, 0.8941, 0.6431
CMYK	0.11, 0.70, 0.00, 0.64
HSL	291°, 54%, 23%
HSV	291°, 70%, 36%
XYZ	5.6736, 3.2885, 10.2332
YIQ	50.4420, 11.6400, 31.3520

Conversions

Conversions Part 2

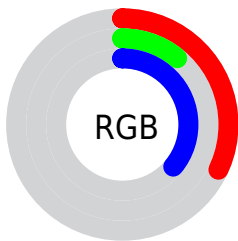
Format	Color
R_{YB}	81, 27, 91
Decimal	5315419
CIE _{Lab}	21.16, 35.22, -26.86
CIE _{LCh}	21, 44.289, 322.673
Yxy	3.2885, 0.2956, 0.1713
Android (android.graphics.Color)	4283505499 (0xFF511B5B)
YUV	50.4420, 19.9951, 26.7994
Hunter-Lab	18.1343, 24.1115, -20.7635

Details

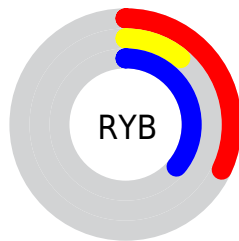
The YUV color **50.4420, 19.9951, 26.7994** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.5580, -19.9951, -26.7994**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6810, 20.8633, 28.3438**, and **15.8940, 14.3493, 17.6330** is the 20% darker color. If you saturate the color by 10%, you get **44.8600, 22.7470, 30.8178**, and if you desaturate by 10%, it is **56.0240, 17.2432, 22.7810**.

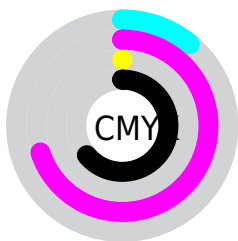
Distribution



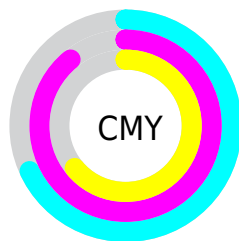
- Red (32%)
- Green (11%)
- Blue (36%)



- Red (32%)
- Yellow (11%)
- Blue (36%)



- Cyan (11%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (68%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4420, 19.9951, 26.7994 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 50.4420, 19.9951, 26.7994 by changing the saturation by 10% instead.

50.4420, 19.9951,
26.7994

50.4420, 19.9951,
26.7994

255.0000, 0.0000,
0.0000

24.9690, 20.7213,
27.2142

99.6810, 20.8633,
28.3438

15.8940, 14.3493,
17.6330

125.3930, 21.0053,
29.4733

3.2090, 9.7570,
-2.8143

152.2190, 21.5840,
30.5029

0.0000, 0.0000,
0.0000


179.0450, 22.1628,
31.5325


207.3440, 22.0154,
32.1473


226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 50.4420, 19.9951,
26.7994


 50.4420, 19.9951,
26.7994


 44.8600, 22.7470,
30.8178

 56.0240, 17.2432,
22.7810


 38.9790, 25.6464,
34.2214

 61.9050, 14.3438,
19.3773

 33.3970, 28.3983,
38.2398

 67.4870, 11.5919,
15.3589

 73.3680, 8.6926,
11.9553

 79.5370, 5.6513,
7.4221

■ 85.4180, 2.7519,
4.0184

■ 91.0000, 0.0000,
0.0000

■ 96.5820, -2.7519,
-4.0184

■ 102.4630, -5.6513,
-7.4221

Harmonies

Analogous

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



46.3480, 32.3664, -21.3532



50.4420, 19.9951, 26.7994



39.3980, 10.1568, 55.7790

Triad

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



50.4420, 19.9951, 26.7994



48.5190, -23.9199, 18.8388



46.7050, 13.9494, -40.9603

Complementary

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



50.4420, 19.9951, 26.7994



67.5580, -19.9951, -26.7994

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.



42.2420, -0.6123, -37.0462



50.4420, 19.9951, 26.7994



44.8320, -22.1022, -4.2377

Square

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



50.4420, 19.9951, 26.7994



46.0040, -22.6800, 41.2155



36.8500, -16.1951, -32.3175



48.7230, 26.7586, -42.7301

Rectangle

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



50.4420, 19.9951, 26.7994



37.6130, 0.6838, 60.8524



36.8500, -16.1951, -32.3175



45.4510, 9.1447, -39.8605

Sweetspot

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



50.4420, 19.9951, 26.7994



101.7160, 7.5350, 9.8961



40.7530, 24.7718, -12.0614



49.2980, 4.7831, 5.8777



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.



50.4420, 19.9951, 26.7994



54.9890, 30.5714, 41.2286



51.0380, 9.3483, 35.0467



42.7660, 1.5944, 1.9592



40.3470, 34.3389, 46.1767



86.8180, 74.0397, 99.2606

Inverse Universe

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



47.2760, -5.0661, 38.3459



50.0120, -7.8939, 58.7485



66.9620, -9.3483, -35.0467



42.6090, -0.3002, 2.9739



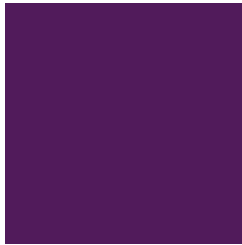
34.8280, -8.7892, 65.9258



75.0810, -18.7739, 142.0030

Previews

White Background



This preview shows how the YUV color 50.4420, 19.9951, 26.7994 looks on a white background.

Color Contrast Check

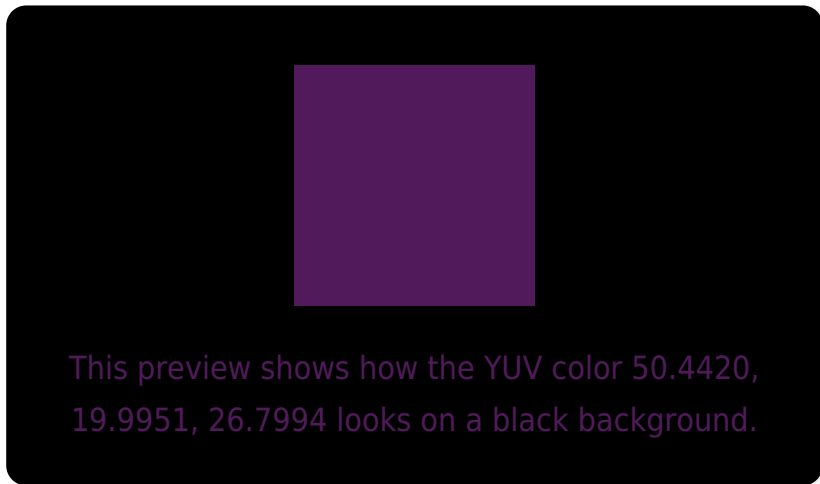
Large Text (above 18pt) WCAG AA ✓ Pass

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

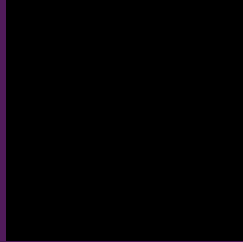
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4420, 19.9951, 26.7994

Background



This preview shows how black text looks on a background with the YUV color 50.4420, 19.9951, 26.7994.



This preview shows how white text looks on a background with the YUV color 50.4420, 19.9951,

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

50.4420, 19.9951, 26.7994

Protanopia

41.5480, 32.2678, -36.4376

Deuteranopia

49.1130, 18.6783, -17.6391



Tritanopia

52.2090, -3.5540, 19.9877

Trichromacy



Original Color

50.4420, 19.9951, 26.7994

Protanomaly

44.8390, 27.6874, -13.8908

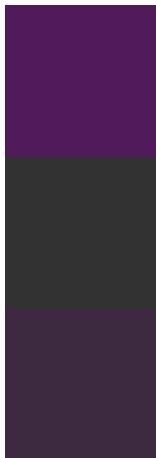
Deuteranomaly

49.6250, 18.9189, -1.4251

Tritanomaly

51.8100, 5.0237, 22.0916

Monochromacy



Original Color

50.4420, 19.9951, 26.7994

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3030, 7.2456, 9.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4420, 19.9951, 26.7994 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(81, 27, 91)` looks like.

```
.text, #text, p{  
    color:rgb(81, 27, 91)  
}
```

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(81, 27, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 27, 91) }
```

Border

The CSS property to change the border of an element to YUV 50.4420, 19.9951, 26.7994 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(81, 27, 91) }
```


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

```
.border{ border-color:rgb(81, 27, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 27, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 27, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 27, 91);  
box-shadow:4px 4px 4px 4px rgb(81, 27, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4420, 19.9951, 26.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 27, 91) }
```

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

```
.background{ background-color: rgb(81, 27,  
91) }
```

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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