

Converting Colors

YUV(67.0850, 31.5101, 20.0965)

Have a look what the booklet for
YUV(67.0850, 31.5101, 20.0965)
contains.

YUV(67.0850, 31.5101, 20.0965)	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(67.0850, 31.5101,
20.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2B83
RGB	90, 43, 131
RGB Percent	35%, 17%, 51%
CMY	0.6471, 0.8314, 0.4863
CMYK	0.31, 0.67, 0.00, 0.49
HSL	272°, 51%, 34%
HSV	272°, 67%, 51%
XYZ	9.1771, 5.5401, 22.0584
YIQ	67.0850, -0.2360, 37.3320

Conversions

Conversions Part 2

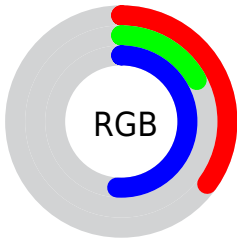
Format	Color
R_{YB}	90, 43, 131
Decimal	5909379
CIE Lab	28.22, 38.77, -41.22
CIE LCh	28, 56.590, 313.248
Yxy	5.5401, 0.2495, 0.1506
Android (android.graphics.Color)	4284099459 (0xFF5A2B83)
YUV	67.0850, 31.5101, 20.0965
Hunter-Lab	23.5374, 28.4052, -39.0881

Details

The YUV color **67.0850, 31.5101, 20.0965** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **106.9150, -31.5101, -20.0965**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8510, 33.1045, 22.0557**, and **20.5960, 29.7792, 15.2633** is the 20% darker color. If you saturate the color by 10%, you get **57.6600, 36.1566, 23.1002**, and if you desaturate by 10%, it is **76.5100, 26.8636, 17.0927**.

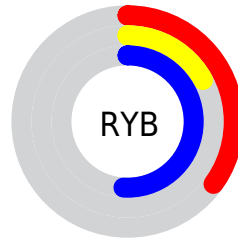
Distribution



Red (35%)

Green (17%)

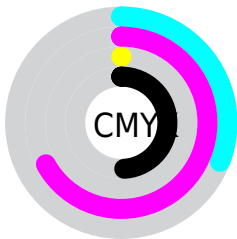
Blue (51%)



Red (35%)

Yellow (17%)

Blue (51%)

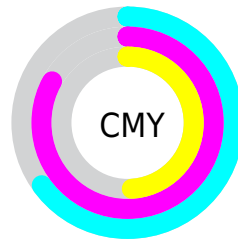


Cyan (31%)

Magenta (67%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (83%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0850, 31.5101, 20.0965 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 67.0850, 31.5101, 20.0965 by changing the saturation by 10% instead.

67.0850, 31.5101,
20.0965

67.0850, 31.5101,
20.0965

255.0000, 0.0000,
0.0000

41.6720, 31.2207,
19.5817

117.8510, 33.1045,
22.0557

20.5960, 29.7792,
15.2633

144.0900, 33.9726,
23.6001

11.2820, 22.5390,
4.1377

170.9160, 34.5514,
24.6297

5.1640, 14.7091,
-4.5288

197.0320, 28.5782,
27.1589

1.0260, 3.9312,
-0.8998

221.5410, 16.4953,
29.3435

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 67.0850, 31.5101,
20.0965

■ 67.0850, 31.5101,
20.0965

■ 57.6600, 36.1566,
23.1002

■ 76.5100, 26.8636,
17.0927

■ 48.2350, 40.8031,
26.1039

■ 85.9350, 22.2170,
14.0890

■ 38.8100, 45.4497,
29.1076

■ 95.3600, 17.5705,
11.0853

■ 35.8640, 46.9020,
29.9373

■ 104.7850, 12.9240,
8.0816

■ 115.0960, 7.8407,
5.1778

■ 124.5210, 3.1941,
2.1741

■ 133.9460, -1.4524,
-0.8296

■ 143.3710, -6.0989,
-3.8334

■ 152.7960,
-10.7454, -6.8371

Harmonies

Analogous

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



56.1840, 47.7303, -49.2734



67.0850, 31.5101, 20.0965



50.0590, 21.1699, 70.1083

Triad

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



67.0850, 31.5101, 20.0965



62.7830, -30.9520, 34.3933



58.9980, 12.8190, -51.7412

Complementary

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



67.0850, 31.5101, 20.0965



106.9150, -31.5101, -20.0965

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.



53.1670, -6.9843, -46.6275



67.0850, 31.5101, 20.0965



61.1120, -30.1282, 3.4098

Square

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



67.0850, 31.5101, 20.0965



56.0500, -25.6606, 63.9772



46.3730, -22.8619, -40.6691



63.6720, 30.7277, -55.8403

Rectangle

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



67.0850, 31.5101, 20.0965



48.8570, 7.4655, 79.0554



46.3730, -22.8619, -40.6691



57.2880, 6.2670, -50.2416

Sweetspot

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



67.0850, 31.5101, 20.0965



146.2580, 12.1978, 7.6667



77.0990, 26.5732, -29.9048



71.6830, 7.5513, 4.6630



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



67.0850, 31.5101, 20.0965



69.9720, 49.8068, 31.5966



79.0020, 24.1560, 45.6022



61.5810, 2.1786, 1.2445



35.4510, 46.6127, 29.4225



0.6410, 1.1630, 0.3148

Inverse Universe

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



73.9860, 4.9369, 50.0013



80.9710, 7.9023, 78.9554



94.9980, -24.1560, -45.6022



62.1360, 0.4260, 3.3887



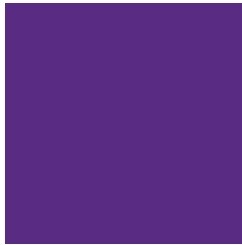
45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 67.0850, 31.5101, 20.0965 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



This preview shows how the YUV color 67.0850, 31.5101, 20.0965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

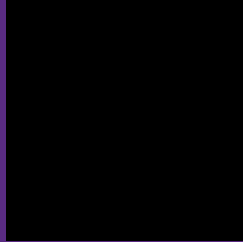
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0850, 31.5101, 20.0965

Background



This preview shows how black text looks on a background with the YUV color 67.0850, 31.5101, 20.0965.



This preview shows how white text looks on a background with the YUV color 67.0850, 31.5101,

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

67.0850, 31.5101, 20.0965

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

54.1830, 32.4478, -47.5185



Tritanopia

68.0550, -0.0271, 8.7218

Trichromacy



Original Color

67.0850, 31.5101, 20.0965

Protanomaly

58.7160, 37.6080, -22.5529

Deuteranomaly

59.2230, 31.9351, -22.9976

Tritanomaly

67.7640, 11.4553, 12.4850

Monochromacy



Original Color

67.0850, 31.5101, 20.0965

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7310, 11.4716, 7.2519

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0850, 31.5101, 20.0965 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(90, 43, 131)` looks like.

```
.text, #text, p{  
    color:rgb(90, 43, 131)  
}
```

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(90, 43, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 43, 131) }
```

Border

The CSS property to change the border of an element to YUV 67.0850, 31.5101, 20.0965 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(90, 43, 131) }
```


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

```
.border{ border-color:rgb(90, 43, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 43, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 43, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 43, 131);  
box-shadow:4px 4px 4px 4px rgb(90, 43,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 67.0850, 31.5101, 20.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 43, 131) }
```

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

```
.background{ background-color: rgb(90, 43,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor