

Converting Colors

YUV(63.0090, 9.8556, 12.2701)

Have a look what the booklet for
YUV(63.0090, 9.8556, 12.2701)
contains.

YUV(63.0090, 9.8556, 12.2701)	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(63.0090, 9.8556,
12.2701)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3453
RGB	77, 52, 83
RGB Percent	30%, 20%, 33%
CMY	0.6980, 0.7961, 0.6745
CMYK	0.07, 0.37, 0.00, 0.67
HSL	288°, 23%, 26%
HSV	288°, 37%, 33%
XYZ	5.8499, 4.6583, 8.7744
YIQ	63.0090, 4.9490, 14.9410

Conversions

Conversions Part 2

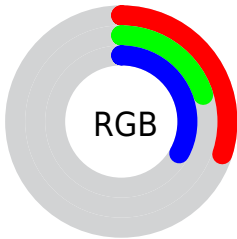
Format	Color
R_{YB}	77, 52, 83
Decimal	5059667
CIE _{Lab}	25.74, 17.51, -14.42
CIE _{LCh}	26, 22.683, 320.511
Yxy	4.6583, 0.3034, 0.2416
Android (android.graphics.Color)	4283249747 (0xFF4D3453)
YUV	63.0090, 9.8556, 12.2701
Hunter-Lab	21.5831, 10.6103, -8.9957

Details

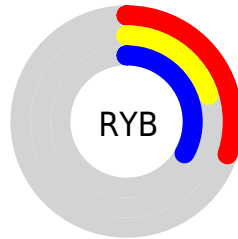
The YUV color **63.0090, 9.8556, 12.2701** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71.9910, -9.8556, -12.2701**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2480, 10.7237, 13.8145**, and **18.5960, 9.5662, 11.7553** is the 20% darker color. If you saturate the color by 10%, you get **57.7150, 12.4655, 15.1589**, and if you desaturate by 10%, it is **68.3030, 7.2456, 9.3813**.

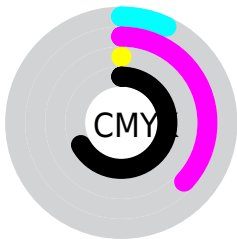
Distribution



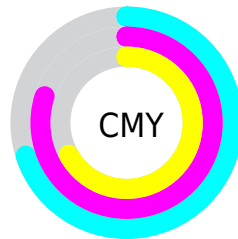
- Red (30%)
- Green (20%)
- Blue (33%)



- Red (30%)
- Yellow (20%)
- Blue (33%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (67%)



- Cyan (70%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0090, 9.8556, 12.2701 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 63.0090, 9.8556, 12.2701 by changing the saturation by 10% instead.

63.0090, 9.8556,
12.2701

63.0090, 9.8556,
12.2701

255.0000, 0.0000,
0.0000

40.5960, 9.5662,
11.7553

111.2480, 10.7237,
13.8145

18.5960, 9.5662,
11.7553

136.6610, 11.0131,
14.3293

2.4110, 6.6994,
-2.1144

163.0740, 11.3025,
14.8441

0.0000, 0.0000,
0.0000

190.0740, 11.3025,
14.8441

217.9000, 11.8813,
15.8737

241.4990, 6.6560,

11.8404

■ 63.0090, 9.8556,
12.2701

■ 63.0090, 9.8556,
12.2701

■ 57.7150, 12.4655,
15.1589

■ 68.3030, 7.2456,
9.3813

■ 52.1330, 15.2174,
19.1774

■ 73.8850, 4.4937,
5.3629

■ 46.8390, 17.8274,
22.0662

■ 79.1790, 1.8838,
2.4740

■ 41.8440, 20.2899,
25.5698

■ 84.1740, -0.5788,
-1.0296

■ 36.5500, 22.8999,
28.4587

■ 90.0550, -3.4781,
-4.4332

■ 30.6690, 25.7992,
31.8623

■ 95.3490, -6.0881,
-7.3221

■ 29.4950, 26.3780,
32.8919

■ 100.3440, -8.5506,
-10.8257

■ 105.6380,
-11.1605, -13.7145

■ 111.2200,
-13.9125, -17.7329

Harmonies

Analogous

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



61.3810, 15.5882, -6.4731



63.0090, 9.8556, 12.2701



62.1370, 2.3975, 24.4359

Triad

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



63.0090, 9.8556, 12.2701



59.8480, -16.1941, 14.1653



49.2980, 11.1921, -43.2343

Complementary

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



63.0090, 9.8556, 12.2701



71.9910, -9.8556, -12.2701

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.



49.7630, 2.5818, -34.8722



63.0090, 9.8556, 12.2701



58.7000, -15.1351, 1.1401

Square

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



63.0090, 9.8556, 12.2701



60.8260, -12.7322, 23.8316



55.6210, -8.6872, -13.6996



49.8340, 18.3228, -43.7044

Rectangle

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



63.0090, 9.8556, 12.2701



62.0790, -2.9969, 27.9947



55.6210, -8.6872, -13.6996



48.7280, 9.0081, -42.7345

Sweetspot

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



63.0090, 9.8556, 12.2701



99.3580, 3.7675, 4.9480



59.0560, 11.8044, -6.1881



49.2930, 2.3206, 2.3740



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.0090, 9.8556, 12.2701



76.1330, 15.2174, 19.1774



63.7770, 5.0399, 16.8586



38.3530, 1.3050, 1.4444



37.0860, 33.4816, 41.1436



82.3610, 73.7720, 91.7684

Inverse Universe

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



61.9530, -1.9488, 18.4582



74.3780, -3.1444, 28.6095



71.2230, -5.0399, -16.8586



38.3100, -0.1528, 2.3591



33.6750, -6.7418, 62.5520



74.4980, -14.5425, 138.1293

Previews

White Background



This preview shows how the YUV color 63.0090, 9.8556, 12.2701 looks on a white background.

Color Contrast Check

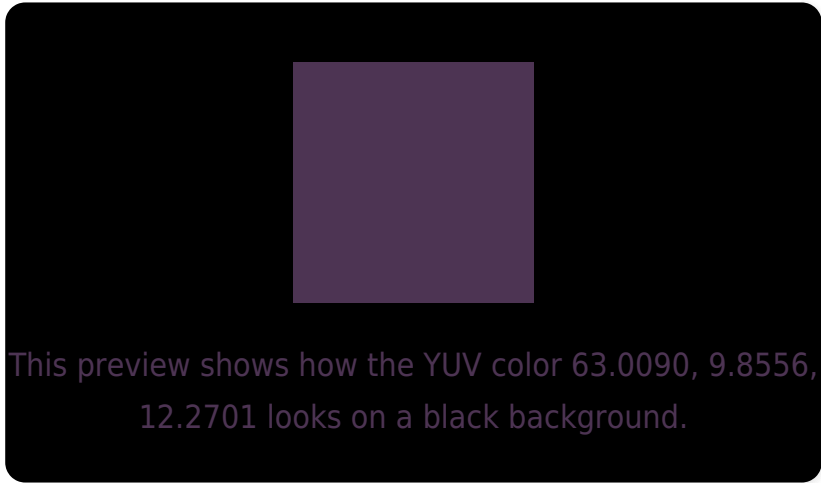
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.0090, 9.8556, 12.2701

Background



This preview shows how black text looks on a background with the YUV color 63.0090, 9.8556, 12.2701.



This preview shows how white text looks on a background with the YUV color 63.0090, 9.8556, 12.2701.

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

63.0090, 9.8556, 12.2701

Protanopia

61.0280, 14.2832, -7.9176

Deuteranopia

61.1980, 9.7624, -4.5586



Tritanopia

62.5390, -0.7587, 10.0513

Trichromacy



Original Color

63.0090, 9.8556, 12.2701

Protanomaly

61.6160, 12.5143, -0.5402

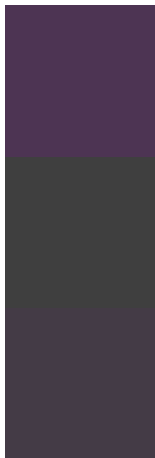
Deuteranomaly

61.9430, 9.8881, 1.8040

Tritanomaly

62.5760, 3.1670, 10.8958

Monochromacy



Original Color

63.0090, 9.8556, 12.2701

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0090, 9.8556, 12.2701 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(77, 52, 83)` looks like.

```
.text, #text, p{  
    color:rgb(77, 52, 83)  
}
```

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(77, 52, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 52, 83) }
```

Border

The CSS property to change the border of an element to YUV 63.0090, 9.8556, 12.2701 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(77, 52, 83) }
```


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

```
.border{ border-color:rgb(77, 52, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 52, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 52, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 52, 83);  
box-shadow:4px 4px 4px 4px rgb(77, 52, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0090, 9.8556, 12.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 52, 83) }
```

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

```
.background{ background-color: rgb(77, 52,  
83) }
```

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