

Converting Colors

YUV(66.9300, 2.9925, 20.2324)

Have a look what the booklet for
YUV(66.9300, 2.9925, 20.2324)
contains.

YUV(66.9300, 2.9925, 20.2324)	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(66.9300, 2.9925,
20.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3649
RGB	90, 54, 73
RGB Percent	35%, 21%, 29%
CMY	0.6471, 0.7882, 0.7137
CMYK	0.00, 0.40, 0.19, 0.65
HSL	328°, 25%, 28%
HSV	328°, 40%, 35%
XYZ	6.7382, 5.2930, 6.9698
YIQ	66.9300, 15.3570, 13.5410

Conversions

Conversions Part 2

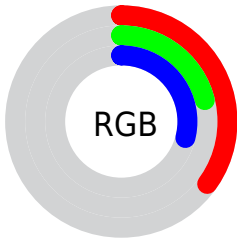
Format	Color
R_{YB}	90, 54, 73
Decimal	5912137
CIE _{Lab}	27.55, 19.21, -4.91
CIE _{LCh}	28, 19.824, 345.653
Yxy	5.2930, 0.3546, 0.2786
Android (android.graphics.Color)	4284102217 (0xFF5A3649)
YUV	66.9300, 2.9925, 20.2324
Hunter-Lab	23.0066, 12.0179, -1.8573

Details

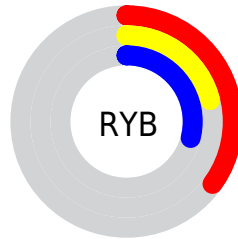
The YUV color **66.9300, 2.9925, 20.2324** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **77.0700, -2.9925, -20.2324**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3540, 3.2765, 22.4915**, and **22.6200, 3.1453, 17.8733** is the 20% darker color. If you saturate the color by 10%, you get **61.1910, 3.8498, 25.2655**, and if you desaturate by 10%, it is **72.6690, 2.1352, 15.1993**.

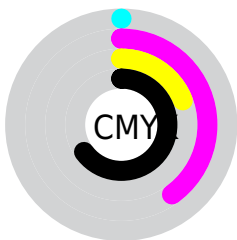
Distribution



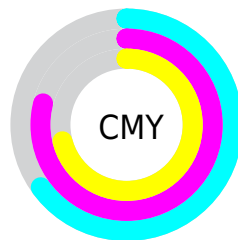
- Red (35%)
- Green (21%)
- Blue (29%)



- Red (35%)
- Yellow (21%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (65%)



- Cyan (65%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9300, 2.9925, 20.2324 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 66.9300, 2.9925, 20.2324 by changing the saturation by 10% instead.

66.9300, 2.9925,
20.2324

66.9300, 2.9925,
20.2324

255.0000, 0.0000,
0.0000

44.2180, 2.8505,
19.1028

115.3540, 3.2765,
22.4915

22.6200, 3.1453,
17.8733

141.5390, 2.6923,
23.2063

5.9090, -1.9271,
11.4808

167.9520, 2.9817,
23.7211

0.0000, 0.0000,
0.0000

195.2510, 2.8343,
24.3359

222.9630, 2.9762,
25.4654

243.8470, 5.4984,

9.7812

■ 66.9300, 2.9925,
20.2324

■ 66.9300, 2.9925,
20.2324

■ 61.1910, 3.8498,
25.2655

■ 72.6690, 2.1352,
15.1993

■ 55.4520, 4.7072,
30.2986

■ 78.5220, 1.7147,
10.0662

■ 49.5990, 5.1277,
35.4317

■ 84.2610, 0.8573,
5.0331

■ 43.8600, 5.9850,
40.4648

■ 90.0000, 0.0000,
0.0000

■ 38.1210, 6.8423,
45.4979

■ 95.7390, -0.8573,
-5.0331

■ 32.2680, 7.2629,
50.6310

■ 101.5920, -1.2779,
-10.1662

■ 107.3310, -2.1352,
-15.1993

■ 113.0700, -2.9925,
-20.2324

■ 118.8090, -3.8498,
-25.2655

Harmonies

Analogous

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



66.8730, 9.4296, 8.8814



66.9300, 2.9925, 20.2324



66.1280, -4.0071, 25.3207

Triad

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



66.9300, 2.9925, 20.2324



63.3520, -13.9775, 3.1993



52.0680, 16.7285, -45.6636

Complementary

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



66.9300, 2.9925, 20.2324



77.0700, -2.9925, -20.2324

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.



52.6680, 10.0237, -41.8048



66.9300, 2.9925, 20.2324



60.9420, -8.8454, -9.5961

Square

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



66.9300, 2.9925, 20.2324



64.7170, -14.1575, 14.2802



58.3190, -0.6503, -24.8358



59.8900, 16.8162, -27.0905

Rectangle

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



66.9300, 2.9925, 20.2324



65.5640, -8.6591, 24.0614



58.3190, -0.6503, -24.8358



52.1990, 14.6919, -45.7785

Sweetspot

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



66.9300, 2.9925, 20.2324



108.0980, 1.4307, 7.8071



63.1870, 13.2188, 6.8520



53.2610, 0.8573, 5.0331



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.



66.9300, 2.9925, 20.2324



81.1640, 4.8491, 31.4282



64.8780, -4.8699, 22.0320



42.8370, 0.5734, 2.7740



39.5020, 9.1195, 61.8267



85.1130, 19.6643, 133.2049

Inverse Universe

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



66.9300, 2.9925, 20.2324



81.1640, 4.8491, 31.4282



79.1220, 4.8699, -22.0320



42.8370, 0.5734, 2.7740



39.5020, 9.1195, 61.8267



85.1130, 19.6643, 133.2049

Previews

White Background



This preview shows how the YUV color 66.9300, 2.9925, 20.2324 looks on a white background.

Color Contrast Check

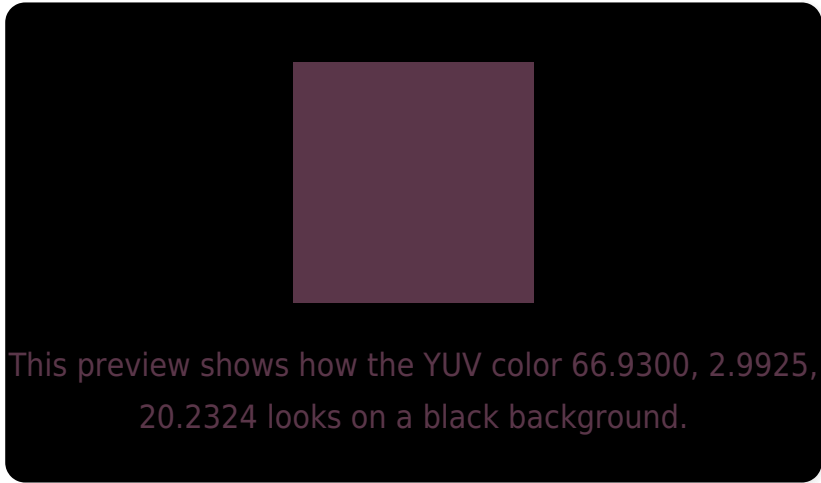
Large Text (above 18pt) WCAG AA ✓ Pass

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

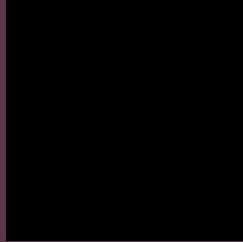
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9300, 2.9925, 20.2324

Background



This preview shows how black text looks on a background with the YUV color 66.9300, 2.9925, 20.2324.



This preview shows how white text looks on a background with the YUV color 66.9300, 2.9925,

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

66.9300, 2.9925, 20.2324

Protanopia

65.8130, 6.9942, -3.3440

Deuteranopia

66.2930, 2.3206, 2.3740



Tritanopia

66.4370, -2.6804, 19.7878

Trichromacy



Original Color

66.9300, 2.9925, 20.2324

Protanomaly

66.1130, 5.3673, 5.1629

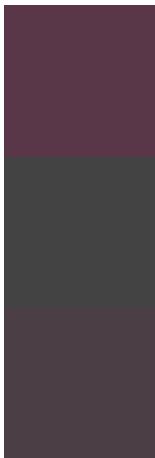
Deuteranomaly

66.4510, 2.7357, 9.2515

Tritanomaly

66.3060, -0.6439, 19.9026

Monochromacy



Original Color

66.9300, 2.9925, 20.2324

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6850, 1.1413, 7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9300, 2.9925, 20.2324 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, 54, 73)` looks like.

```
.text, #text, p{  
    color:rgb(90, 54, 73)  
}
```

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, 54, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 54, 73) }
```

Border

The CSS property to change the border of an element to YUV 66.9300, 2.9925, 20.2324 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, 54, 73) }
```


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

```
.border{ border-color:rgb(90, 54, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 54, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 54, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 54, 73);  
box-shadow:4px 4px 4px 4px rgb(90, 54, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9300, 2.9925, 20.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 54, 73) }
```

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

```
.background{ background-color: rgb(90, 54,  
73) }
```

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