

Converting Colors

YUV(100.2610, 51.6363,
51.5141)

Have a look what the booklet for
YUV(100.2610, 51.6363, 51.5141)
contains.

YUV(100.2610, 51.6363, 51.5141)	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(100.2610, 51.6363,
51.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	9F32CD
RGB	159, 50, 205
RGB Percent	62%, 20%, 80%
CMY	0.3765, 0.8039, 0.1961
CMYK	0.22, 0.76, 0.00, 0.20
HSL	282°, 61%, 50%
HSV	282°, 76%, 80%
XYZ	26.4581, 14.0599, 59.0769
YIQ	100.2610, 15.2090, 71.3130

Conversions

Conversions Part 2

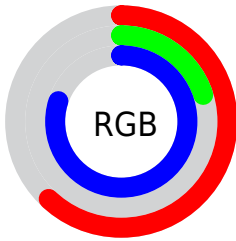
Format	Color
R_{YB}	159, 50, 205
Decimal	10433229
CIE _{Lab}	44.32, 66.48, -59.13
CIE _{LCh}	44, 88.965, 318.349
Yxy	14.0599, 0.2657, 0.1412
Android (android.graphics.Color)	4288623309 (0xFF9F32CD)
YUV	100.2610, 51.6363, 51.5141
Hunter-Lab	37.4965, 60.3333, -67.1656

Details

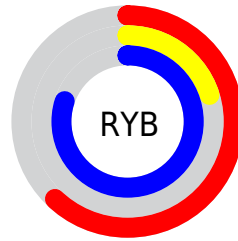
The YUV color **100.2610, 51.6363, 51.5141** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **154.7390, -51.6363, -51.5141**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0610, 48.2839, 53.4435**, and **47.5980, 50.4842, 47.7106** is the 20% darker color. If you saturate the color by 10%, you get **86.7270, 58.3086, 58.1214**, and if you desaturate by 10%, it is **113.7950, 44.9641, 44.9068**.

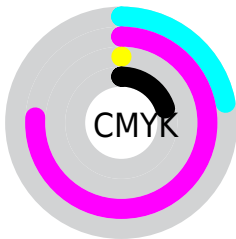
Distribution



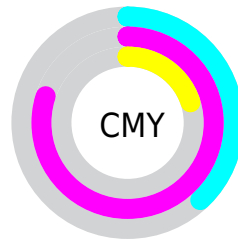
- Red (62%)
- Green (20%)
- Blue (80%)



- Red (62%)
- Yellow (20%)
- Blue (80%)



- Cyan (22%)
- Magenta (76%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2610, 51.6363, 51.5141 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 100.2610, 51.6363, 51.5141 by changing the saturation by 10% instead.

100.2610, 51.6363,
51.5141

100.2610, 51.6363,
51.5141

255.0000, 0.0000,
0.0000

64.9180, 55.2564,
57.0769

157.0610, 48.2839,
53.4435

47.5980, 50.4842,
47.7106

182.4670, 35.7588,
57.4724

36.1480, 42.8180,
33.1962

201.5830, 26.3346,
46.8467

24.5130, 35.7361,
17.9671

218.0190, 18.2316,
32.4323

11.0130, 30.5596,
-1.7654

235.0420, 9.8393,
17.5032

7.9340, 20.2455,
-6.9581

252.6520, 1.1576,

3.6650, 11.5042,

2.0592

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 100.2610, 51.6363,
51.5141

■ 100.2610, 51.6363,
51.5141

■ 86.7270, 58.3086,
58.1214

■ 113.7950, 44.9641,
44.9068

■ 72.6060, 65.2702,
65.2435

■ 127.9160, 38.0024,
37.7847

■ 66.4260, 68.3170,
68.0324

■ 142.0370, 31.0408,
30.6626

■ 155.5710, 24.3685,
24.0552

■ 169.6920, 17.4068,
16.9331

■ 183.5250, 10.5872,
10.9406

■ 197.6460, 3.6255,
3.8185

■ 211.1800, -3.0467,
-2.7889

■ 225.3010,
-10.0084, -9.9110

Harmonies

Analogous

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



86.4990, 80.1130, -75.8596



100.2610, 51.6363, 51.5141



80.5010, 27.8540, 119.7096

Triad

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



100.2610, 51.6363, 51.5141



98.8650, -48.7404, 46.5994



95.7580, 26.7413, -83.9798

Complementary

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



100.2610, 51.6363, 51.5141



154.7390, -51.6363, -51.5141

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.



85.6920, -6.7502, -75.1519



100.2610, 51.6363, 51.5141



92.9200, -45.8096, -6.9458

Square

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



100.2610, 51.6363, 51.5141



85.3400, -42.0726, 101.4338



74.5490, -36.7527, -65.3795



102.1080, 56.1488, -89.5487

Rectangle

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



100.2610, 51.6363, 51.5141



77.9050, 4.9768, 130.7563



74.5490, -36.7527, -65.3795



92.3210, 16.1107, -80.9655

Sweetspot

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



100.2610, 51.6363, 51.5141



215.2840, 19.5800, 19.9219



94.6720, 54.3917, -39.1773



103.5790, 12.0396, 11.7702



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.



100.2610, 51.6363, 51.5141



98.1850, 77.3098, 77.0138



110.4810, 31.3149, 82.8932



95.2330, 3.3361, 3.3037



53.9070, 55.2618, 55.3326



12.4050, 12.6183, 12.7998

Inverse Universe

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



101.5890, -2.7554, 90.6914



100.2340, -4.0594, 135.7298



144.5190, -31.3149, -82.8932



95.3320, -0.1637, 5.8478



55.2200, -3.0665, 97.1541



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 100.2610, 51.6363, 51.5141 looks on a white background.

Color Contrast Check

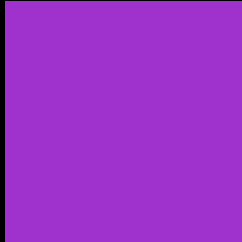
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.2610, 51.6363, 51.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

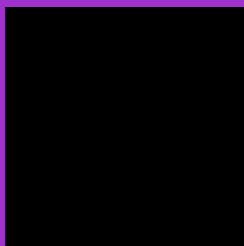
Any Text WCAG AA × Fail

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 100.2610, 51.6363, 51.5141 Background



This preview shows how black text looks on a background with the YUV color 100.2610, 51.6363, 51.5141.



This preview shows how white text looks on a background with the YUV color 100.2610, 51.6363, 51.5141.

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

100.2610, 51.6363, 51.5141

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

84.3550, 51.5900, -73.9793



Tritanopia

106.3460, -4.6076, 31.2686

Trichromacy



Original Color

100.2610, 51.6363, 51.5141

Protanomaly

90.1170, 59.5953, -28.1666

Deuteranomaly

90.0540, 51.7384, -28.1114

Tritanomaly

103.7810, 15.8840, 38.7801

Monochromacy



Original Color

100.2610, 51.6363, 51.5141

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0450, 18.7118, 18.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2610, 51.6363, 51.5141 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(159, 50, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 50, 205)  
}
```

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(159, 50, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 50, 205) }
```

Border

The CSS property to change the border of an element to YUV 100.2610, 51.6363, 51.5141 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(159, 50, 205) }
```


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

```
.border{ border-color:rgb(159, 50, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 50, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 50, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 50, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 50,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 100.2610, 51.6363, 51.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 50, 205) }
```

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

```
.background{ background-color: rgb(159, 50,  
205) }
```

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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