

Converting Colors

YUV(100.1310, 62.0534,
23.5641)

Have a look what the booklet for
YUV(100.1310, 62.0534, 23.5641)
contains.

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Color

**YUV(100.1310, 62.0534,
23.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3EE2
RGB	127, 62, 226
RGB Percent	50%, 24%, 89%
CMY	0.5020, 0.7569, 0.1137
CMYK	0.44, 0.73, 0.00, 0.11
HSL	264°, 74%, 56%
HSV	264°, 73%, 89%
XYZ	24.2025, 13.4483, 73.2717
YIQ	100.1310, -13.9040, 64.7840

Conversions

Conversions Part 2

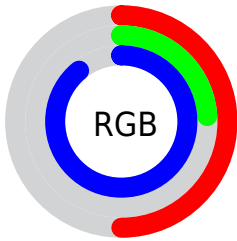
Format	Color
R _{YB}	127, 62, 226
Decimal	8339170
CIE _{Lab}	43.43, 60.75, -72.80
CIE _{LCh}	43, 94.812, 309.845
Yxy	13.4483, 0.2182, 0.1212
Android (android.graphics.Color)	4286529250 (0xFF7F3EE2)
YUV	100.1310, 62.0534, 23.5641
Hunter-Lab	36.6719, 53.6296, -92.7932

Details

The YUV color **100.1310, 62.0534, 23.5641** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **187.8690, -62.0534, -23.5641**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4880, 50.5384, 30.2670**, and **38.7010, 64.2374, 23.0642** is the 20% darker color. If you saturate the color by 10%, you get **82.4440, 70.7731, 26.7976**, and if you desaturate by 10%, it is **117.8180, 53.3337, 20.3306**.

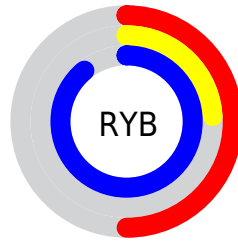
Distribution



Red (50%)

Green (24%)

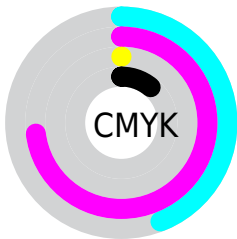
Blue (89%)



Red (50%)

Yellow (24%)

Blue (89%)

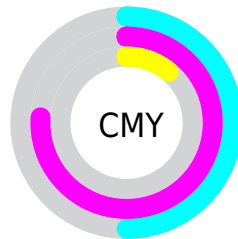


Cyan (44%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (50%)

Magenta (76%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1310, 62.0534, 23.5641 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 100.1310, 62.0534, 23.5641 by changing the saturation by 10% instead.

100.1310, 62.0534,
23.5641

100.1310, 62.0534,
23.5641

255.0000, 0.0000,
0.0000

71.4190, 61.9114,
22.4345

152.4880, 50.5384,
30.2670

38.7010, 64.2374,
23.0642

177.3070, 38.3026,
34.8108

23.6630, 58.3401,
1.1725

202.7130, 25.7775,
38.8397

13.2240, 50.6686,
-11.5974

221.5410, 16.4953,
29.3435

10.2600, 39.3118,
-8.9980

238.5640, 8.1029,
14.4144

11.5190, 26.3661,
-10.1022

6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 100.1310, 62.0534,
23.5641

■ 100.1310, 62.0534,
23.5641

■ 82.4440, 70.7731,
26.7976

■ 117.8180, 53.3337,
20.3306

■ 65.6430, 79.0560,
30.1311

■ 134.6190, 45.0508,
16.9971

■ 52.6740, 85.4497,
32.7349

■ 152.3060, 36.3311,
13.7636

■ 169.4060, 27.9008,
11.0449

■ 186.7940, 19.3286,
7.1967

■ 204.4810, 10.6089,
3.9632

■ 221.2820, 2.3260,
0.6297

■ 238.9690, -6.3937,
-2.6038

■ 250.1990,
-11.9301, -0.1745

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



100.1310, 62.0534, 23.5641



80.6170, 38.6428, 112.5919

Triad

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



100.1310, 62.0534, 23.5641



95.1320, -46.9001, 63.0282



92.0760, 17.7105, -80.7507

Complementary

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



100.1310, 62.0534, 23.5641



187.8690, -62.0534, -23.5641

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.



80.5110, -18.9859, -70.6081



100.1310, 62.0534, 23.5641



93.8940, -46.2897, 7.1090

Square

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



100.1310, 62.0534, 23.5641



63.6870, -31.3977, 130.9475



72.2010, -35.5951, -63.3203



100.7400, 50.9072, -88.3490

Rectangle

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



100.1310, 62.0534, 23.5641



80.6690, 12.9812, 130.0863



72.2010, -35.5951, -63.3203



88.2970, 5.7696, -77.4365

Sweetspot

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



100.1310, 62.0534, 23.5641



211.9620, 21.2177, 7.9263



139.9830, 42.4064, -68.3911



101.7630, 12.9348, 4.5928



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.



100.1310, 62.0534, 23.5641



84.6200, 83.9973, 31.9053



124.0510, 50.2609, 72.7463



103.4500, 4.2151, 1.3593



40.9940, 66.5580, 25.4383



11.1530, 18.1656, 6.8818

Inverse Universe

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



122.3220, 19.0683, 90.9256



114.6540, 25.8066, 123.0834



163.9490, -50.2609, -72.7463



105.0870, 1.4361, 6.0627



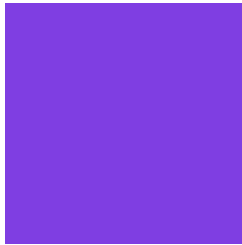
64.7080, 20.3570, 97.6031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 100.1310, 62.0534, 23.5641 looks on a white background.

Color Contrast Check

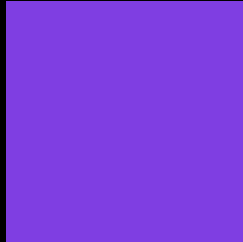
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.1310, 62.0534, 23.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

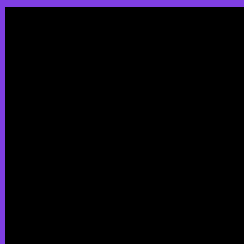
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.1310, 62.0534, 23.5641

Background



This preview shows how black text looks on a background with the YUV color 100.1310, 62.0534, 23.5641.



This preview shows how white text looks on a background with the YUV color 100.1310, 62.0534,

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

100.1310, 62.0534, 23.5641

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.1550, 48.2376, -72.0499



Tritanopia

102.1290, 4.3734, -2.7441

Trichromacy



Original Color

100.1310, 62.0534, 23.5641

Protanomaly

88.7460, 62.2432, -37.4882

Deuteranomaly

88.4550, 53.5127, -37.2330

Tritanomaly

101.1020, 25.5857, 6.9265

Monochromacy



Original Color

100.1310, 62.0534, 23.5641

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0160, 22.6701, 8.7560

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1310, 62.0534, 23.5641 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(127, 62, 226)` looks like.

```
.text, #text, p{  
    color:rgb(127, 62, 226)  
}
```

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(127, 62, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 62, 226) }
```

Border

The CSS property to change the border of an element to YUV 100.1310, 62.0534, 23.5641 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(127, 62, 226) }
```


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

```
.border{ border-color:rgb(127, 62, 226) }
```

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

Here you see how a box with a 4 pixel rgb(127, 62, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 62, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 62, 226);  
box-shadow:4px 4px 4px 4px rgb(127, 62,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 100.1310, 62.0534, 23.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 62, 226) }
```

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

```
.background{ background-color: rgb(127, 62,  
226) }
```

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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