

Converting Colors

YUV(62.1230, 10.2924, 12.1701)

Have a look what the booklet for
YUV(62.1230, 10.2924, 12.1701)
contains.

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Color

**YUV(62.1230, 10.2924,
12.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3353
RGB	76, 51, 83
RGB Percent	30%, 20%, 33%
CMY	0.7020, 0.8000, 0.6745
CMYK	0.08, 0.39, 0.00, 0.67
HSL	287°, 24%, 26%
HSV	287°, 39%, 33%
XYZ	5.7257, 4.5287, 8.7560
YIQ	62.1230, 4.6280, 15.2520

Conversions

Conversions Part 2

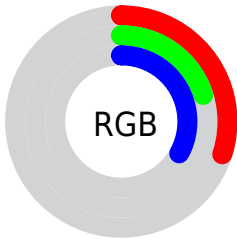
Format	Color
R_{YB}	76, 51, 83
Decimal	4993875
CIE _{Lab}	25.35, 17.78, -15.04
CIE _{LCh}	25, 23.289, 319.780
Yxy	4.5287, 0.3012, 0.2382
Android (android.graphics.Color)	4283183955 (0xFF4C3353)
YUV	62.1230, 10.2924, 12.1701
Hunter-Lab	21.2807, 10.7848, -9.4984

Details

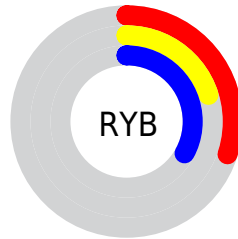
The YUV color **62.1230, 10.2924, 12.1701** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71.8770, -10.2924, -12.1701**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0630, 11.3079, 13.0997**, and **17.7100, 10.0030, 11.6553** is the 20% darker color. If you saturate the color by 10%, you get **56.8290, 12.9023, 15.0590**, and if you desaturate by 10%, it is **67.4170, 7.6824, 9.2813**.

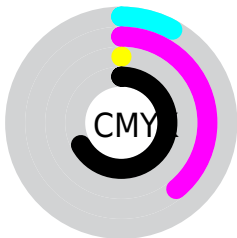
Distribution



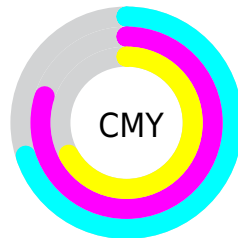
- Red (30%)
- Green (20%)
- Blue (33%)



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



- Cyan (8%)
- Magenta (39%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1230, 10.2924, 12.1701 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 62.1230, 10.2924, 12.1701 by changing the saturation by 10% instead.

■ 62.1230, 10.2924,
12.1701

■ 62.1230, 10.2924,
12.1701

■ 255.0000, 0.0000,
0.0000

■ 39.7100, 10.0030,
11.6553

■ 110.0630, 11.3079,
13.0997

■ 17.7100, 10.0030,
11.6553

■ 135.7750, 11.4499,
14.2293

■ 2.4110, 6.6994,
-2.1144

■ 161.8890, 11.8867,
14.1293

■ 0.0000, 0.0000,
0.0000

■ 189.1880, 11.7393,
14.7441

■ 216.7150, 12.4655,
15.1589

■ 240.9120, 6.9454,

12.3552

■ 62.1230, 10.2924,
12.1701

■ 62.1230, 10.2924,
12.1701

■ 56.8290, 12.9023,
15.0590

■ 67.4170, 7.6824,
9.2813

■ 50.9480, 15.8016,
18.4626

■ 73.2980, 4.7831,
5.8777

■ 45.9530, 18.2642,
21.9662

■ 78.2930, 2.3206,
2.3740

■ 40.6590, 20.8741,
24.8551

■ 83.5870, -0.2894,
-0.5148

■ 35.3650, 23.4841,
27.7439

■ 89.4680, -3.1887,
-3.9184

■ 29.4840, 26.3834,
31.1475

■ 94.7620, -5.7987,
-6.8073

■ 28.8970, 26.6728,
31.6623

■ 100.0560, -8.4086,
-9.6961

■ 105.3500,
-11.0186, -12.5850

■ 110.9320,
-13.7705, -16.6034

Harmonies

Analogous

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



60.1960, 16.1724, -7.1879



62.1230, 10.2924, 12.1701



61.5500, 2.6869, 24.9507

Triad

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



62.1230, 10.2924, 12.1701



59.0330, -16.7783, 14.8801



48.5970, 11.0447, -42.6196

Complementary

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



62.1230, 10.2924, 12.1701



71.8770, -10.2924, -12.1701

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.



48.6380, 2.1505, -36.5165



62.1230, 10.2924, 12.1701



57.5860, -15.5719, 1.2401

Square

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



62.1230, 10.2924, 12.1701



60.1250, -12.8796, 24.4464



55.2080, -8.9765, -14.2144



49.2470, 18.6122, -43.1896

Rectangle

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



62.1230, 10.2924, 12.1701



60.4920, -2.7076, 28.5095



55.2080, -8.9765, -14.2144



47.9130, 8.4239, -42.0197

Sweetspot

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



62.1230, 10.2924, 12.1701



98.4720, 4.2043, 4.8481



58.7570, 11.9518, -6.8029



48.7060, 2.6099, 2.8888



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.



62.1230, 10.2924, 12.1701



74.9480, 15.8016, 18.4626



63.1900, 5.3293, 17.3734



38.3530, 1.3050, 1.4444



36.4880, 33.7764, 39.9140



80.5670, 74.6565, 88.0797

Inverse Universe

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



61.3660, -1.6594, 18.9730



73.9050, -2.4182, 29.0243



70.8100, -5.3293, -17.3734



38.3100, -0.1528, 2.3591



34.0170, -5.4314, 62.2521



75.1820, -11.9217, 137.5294

Previews

White Background



This preview shows how the YUV color 62.1230, 10.2924, 12.1701 looks on a white background.

Color Contrast Check

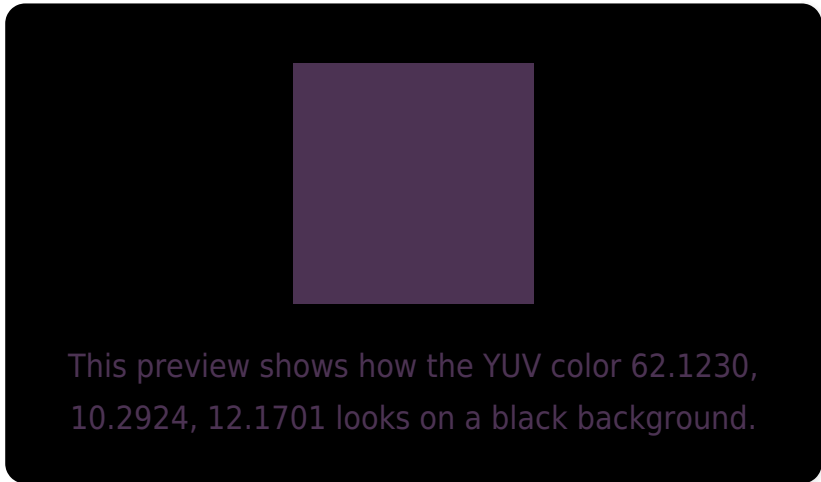
Large Text (above 18pt) WCAG AA ✓ Pass

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

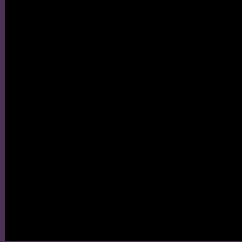
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1230, 10.2924, 12.1701

Background



This preview shows how black text looks on a background with the YUV color 62.1230, 10.2924, 12.1701.



This preview shows how white text looks on a background with the YUV color 62.1230, 10.2924,

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

62.1230, 10.2924, 12.1701

Protanopia

59.8430, 14.8674, -8.6323

Deuteranopia

60.6000, 10.0572, -5.7882



Tritanopia

61.5390, -0.7587, 10.0513

Trichromacy



Original Color

62.1230, 10.2924, 12.1701

Protanomaly

60.4310, 13.0985, -1.2550

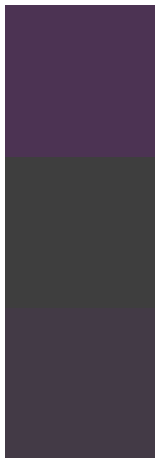
Deuteranomaly

61.3450, 10.1829, 0.5744

Tritanomaly

61.5760, 3.1670, 10.8958

Monochromacy



Original Color

62.1230, 10.2924, 12.1701

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1230, 10.2924, 12.1701 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(76, 51, 83)` looks like.

```
.text, #text, p{  
    color:rgb(76, 51, 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(76, 51, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 51, 83) }
```

Border

The CSS property to change the border of an element to YUV 62.1230, 10.2924, 12.1701 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(76, 51, 83) }
```


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

```
.border{ border-color:rgb(76, 51, 83) }
```

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

Here you see how a box with a 4 pixel rgb(76, 51, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 51, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 51, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 51, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1230, 10.2924, 12.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 51, 83) }
```

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

```
.background{ background-color: rgb(76, 51,  
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](#).

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