

Converting Colors

YUV(52.6530, 3.1291, 23.1063)

Have a look what the booklet for
YUV(52.6530, 3.1291, 23.1063)
contains.

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Color

**YUV(52.6530, 3.1291,
23.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	4F263B
RGB	79, 38, 59
RGB Percent	31%, 15%, 23%
CMY	0.6902, 0.8510, 0.7686
CMYK	0.00, 0.52, 0.25, 0.69
HSL	329°, 35%, 23%
HSV	329°, 52%, 31%
XYZ	4.7070, 3.3643, 4.5390
YIQ	52.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

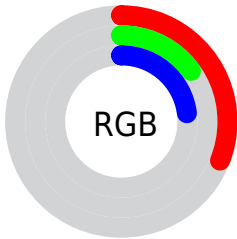
Format	Color
R_{YB}	79, 38, 59
Decimal	5187131
CIE Lab	21.45, 22.20, -4.78
CIE LCh	21, 22.712, 347.843
Yxy	3.3643, 0.3733, 0.2668
Android (android.graphics.Color)	4283377211 (0xFF4F263B)
YUV	52.6530, 3.1291, 23.1063
Hunter-Lab	18.3419, 13.7091, -1.8328

Details

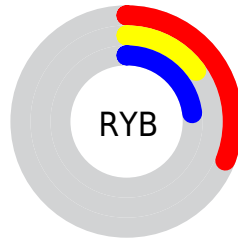
The YUV color **52.6530, 3.1291, 23.1063** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.3470, -3.1291, -23.1063**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9630, 2.9762, 25.4654**, and **12.7020, 2.1189, 20.4323** is the 20% darker color. If you saturate the color by 10%, you get **47.5010, 3.6970, 27.6246**, and if you desaturate by 10%, it is **57.8050, 2.5611, 18.5880**.

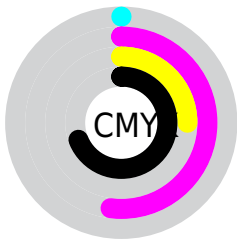
Distribution



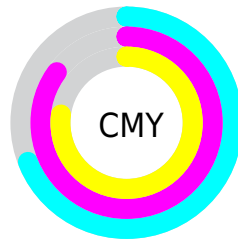
- Red (31%)
- Green (15%)
- Blue (23%)



- Red (31%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6530, 3.1291, 23.1063 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 52.6530, 3.1291, 23.1063 by changing the saturation by 10% instead.

■ 52.6530, 3.1291,
23.1063

■ 52.6530, 3.1291,
23.1063

■ 255.0000, 0.0000,
0.0000

■ 30.0550, 3.4239,
21.8768

■ 99.9630, 2.9762,
25.4654

■ 12.7020, 2.1189,
20.4323

■ 125.5610, 2.6814,
26.6950

■ 0.0000, 0.0000,
0.0000

■ 151.8600, 2.5340,
27.3098

■ 178.5720, 2.6760,
28.4394

■ 206.2840, 2.8180,
29.5689

■ 230.3970, 4.7343,

21.5768

249.1300, 2.8939,
5.1480

52.6530, 3.1291,
23.1063

52.6530, 3.1291,
23.1063

47.5010, 3.6970,
27.6246

57.8050, 2.5611,
18.5880

42.3490, 4.2649,
32.1429

62.9570, 1.9932,
14.0697

37.1970, 4.8329,
36.6612

68.1090, 1.4253,
9.5514

32.1590, 5.8376,
41.0796

73.1470, 0.4205,
5.1331

28.1810, 5.8268,
44.5683

78.2990, -0.1474,
0.6148

■ 82.8640, -0.4260,
-3.3887

■ 88.0160, -0.9939,
-7.9070

■ 93.1680, -1.5618,
-12.4253

■ 98.3200, -2.1298,
-16.9436

Harmonies

Analogous

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



53.1120, 10.2978, 10.4258



52.6530, 3.1291, 23.1063



51.9110, -4.8861, 27.2651

Triad

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



52.6530, 3.1291, 23.1063



48.9990, -15.2825, 1.7549



43.2970, 16.1226, -37.9715

Complementary

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



52.6530, 3.1291, 23.1063



64.3470, -3.1291, -23.1063

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.



42.1740, 9.2812, -36.9866



52.6530, 3.1291, 23.1063



46.2190, -8.9820, -12.4701

Square

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



52.6530, 3.1291, 23.1063



50.2610, -15.9047, 14.6801



39.9480, 1.9976, -34.1574



41.8610, 20.7745, -36.7121

Rectangle

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



52.6530, 3.1291, 23.1063



51.3470, -9.5381, 26.0057



39.9480, 1.9976, -34.1574



42.8410, 14.3754, -37.5716

Sweetspot

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



52.6530, 3.1291, 23.1063



91.6960, 1.1359, 9.0366



48.6540, 14.9606, 8.1964



44.5600, 0.7099, 5.6479



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.6530, 3.1291, 23.1063



61.4850, 4.6909, 35.5317



50.3730, -5.6069, 25.1059



35.4240, 0.2840, 2.2592



36.4260, 7.6780, 57.5084



82.2220, 17.6386, 129.6013

Inverse Universe

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



52.6530, 3.1291, 23.1063



61.4850, 4.6909, 35.5317



66.6270, 5.6069, -25.1059



35.4240, 0.2840, 2.2592



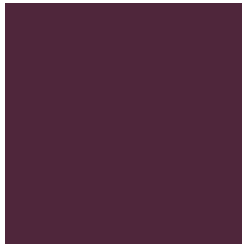
36.4260, 7.6780, 57.5084



82.2220, 17.6386, 129.6013

Previews

White Background



This preview shows how the YUV color 52.6530, 3.1291, 23.1063 looks on a white background.

Color Contrast Check

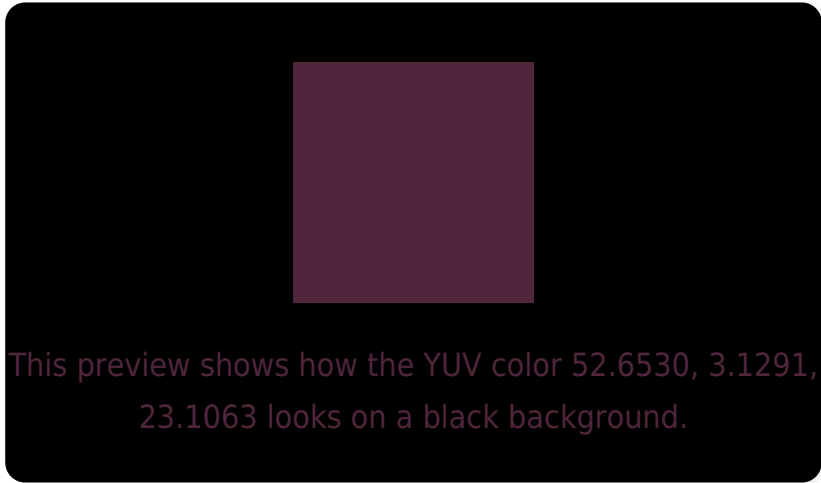
Large Text (above 18pt) WCAG AA ✓ Pass

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

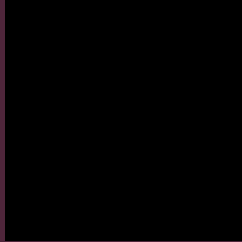
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6530, 3.1291, 23.1063

Background



This preview shows how black text looks on a background with the YUV color 52.6530, 3.1291, 23.1063.



This preview shows how white text looks on a background with the YUV color 52.6530, 3.1291, 23.1063.

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

52.6530, 3.1291, 23.1063

Protanopia

52.6280, 7.5784, -4.0588

Deuteranopia

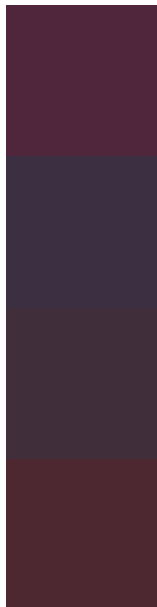
52.8800, 2.0312, 1.8592



Tritanopia

52.4050, -4.1437, 22.4468

Trichromacy



Original Color

52.6530, 3.1291, 23.1063

Protanomaly

52.6400, 6.0935, 5.5777

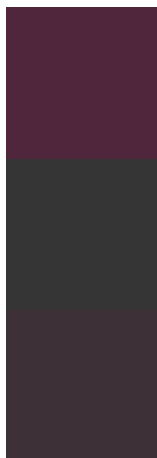
Deuteranomaly

52.7500, 2.5882, 9.8663

Tritanomaly

52.3880, -1.6703, 22.4617

Monochromacy



Original Color

52.6530, 3.1291, 23.1063

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6530, 3.1291, 23.1063 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(79, 38, 59)` looks like.

```
.text, #text, p{  
    color:rgb(79, 38, 59)  
}
```

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(79, 38, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 38, 59) }
```

Border

The CSS property to change the border of an element to YUV 52.6530, 3.1291, 23.1063 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(79, 38, 59) }
```


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

```
.border{ border-color:rgb(79, 38, 59) }
```

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

Here you see how a box with a 4 pixel rgb(79, 38, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 38, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 38, 59);  
box-shadow:4px 4px 4px 4px rgb(79, 38, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6530, 3.1291, 23.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 38, 59) }
```

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

```
.background{ background-color: rgb(79, 38,  
59) }
```

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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