

Converting Colors

YUV(62.8090, -10.2588,
23.8465)

Have a look what the booklet for
YUV(62.8090, -10.2588, 23.8465)
contains.

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Color

**YUV(62.8090, -10.2588,
23.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	5A352A
RGB	90, 53, 42
RGB Percent	35%, 21%, 16%
CMY	0.6471, 0.7922, 0.8353
CMYK	0.00, 0.41, 0.53, 0.65
HSL	14°, 36%, 26%
HSV	14°, 53%, 35%
XYZ	5.9075, 4.8870, 2.8224
YIQ	62.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

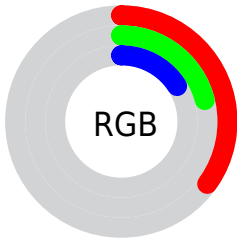
Format	Color
R_{YB}	90, 56, 42
Decimal	5911850
CIE _{Lab}	26.41, 15.25, 13.93
CIE _{LCh}	26, 20.658, 42.406
Yxy	4.8870, 0.4338, 0.3589
Android (android.graphics.Color)	4284101930 (0xFF5A352A)
YUV	62.8090, -10.2588, 23.8465
Hunter-Lab	22.1066, 9.0133, 7.9049

Details

The YUV color **62.8090, -10.2588, 23.8465** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.1910, 10.2588, -23.8465**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0760, -11.8695, 27.1203**, and **18.4280, -9.0850, 20.6726** is the 20% darker color. If you saturate the color by 10%, you get **57.6740, -12.1643, 28.3499**, and if you desaturate by 10%, it is **67.9440, -8.3534, 19.3431**.

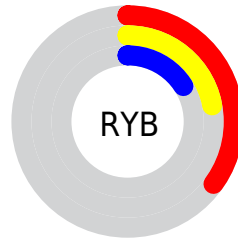
Distribution



Red (35%)

Green (21%)

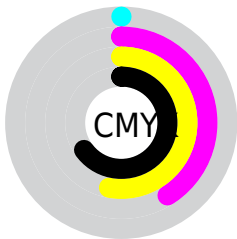
Blue (16%)



Red (35%)

Yellow (22%)

Blue (16%)

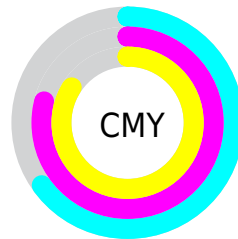


Cyan (0%)

Magenta (41%)

Yellow (53%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8090, -10.2588, 23.8465 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 62.8090, -10.2588, 23.8465 by changing the saturation by 10% instead.

■ 62.8090, -10.2588,
23.8465

■ 62.8090, -10.2588,
23.8465

■ 255.0000, 0.0000,
0.0000

■ 40.0260, -9.3798,
21.9022

■ 111.0760,
-11.8695, 27.1203

■ 18.4280, -9.0850,
20.6726

■ 136.6740,
-12.1643, 28.3499

■ 0.0000, 0.0000,
0.0000

■ 163.1580,
-12.8959, 29.6794

■ 190.7560,
-13.1907, 30.9090

■ 218.3540,
-13.4855, 32.1385

■ 238.4550,

-10.0843, 14.5100

254.0880, -3.4944,
0.7998

62.8090, -10.2588,
23.8465

62.8090, -10.2588,
23.8465

57.6740, -12.1643,
28.3499

67.9440, -8.3534,
19.3431

52.5390, -14.0697,
32.8533

73.0790, -6.4479,
14.8397

47.4040, -15.9752,
37.3567

78.2140, -4.5425,
10.3363

42.2690, -17.8806,
41.8601

83.3490, -2.6371,
5.8329

39.2370, -19.3438,
44.5192

88.4840, -0.7316,
1.3295

■ 93.6190, 1.1738,
-3.1739

■ 98.7540, 3.0793,
-7.6773

■ 103.8890, 4.9847,
-12.1807

■ 108.4370, 7.1796,
-16.1692

Harmonies

Analogous

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



63.5410, -3.7177, 25.8355



62.8090, -10.2588, 23.8465



61.7280, -14.1629, 16.0245

Triad

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



62.8090, -10.2588, 23.8465



55.3900, -1.6713, -24.0210



61.9460, 15.3096, -10.4766

Complementary

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



62.8090, -10.2588, 23.8465



69.1910, 10.2588, -23.8465

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.



55.1990, 18.1429, -32.6235



62.8090, -10.2588, 23.8465



49.5430, 9.5923, -43.4492

Square

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



62.8090, -10.2588, 23.8465



59.0130, -9.8664, -8.7814



50.5520, 15.9969, -44.3341



64.2040, 10.7454, 6.8371

Rectangle

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



62.8090, -10.2588, 23.8465



61.1570, -14.8674, 8.6323



50.5520, 15.9969, -44.3341



60.2440, 16.6417, -17.7540

Sweetspot

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



62.8090, -10.2588, 23.8465



106.7300, -3.8109, 9.0068



60.6840, 9.5228, 25.7101



52.4630, -2.2003, 5.7329



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.



62.8090, -10.2588, 23.8465



74.4040, -15.9752, 37.3567



76.3100, -16.9148, 12.0061



43.0820, -1.0264, 2.5591



47.5650, -23.4495, 54.7555



102.5610, -50.5626, 117.9030

Inverse Universe

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



69.1910, 10.2588, -23.8465



84.5960, 15.9752, -37.3567



55.6900, 16.9148, -12.0061



43.9180, 1.0264, -2.5591



62.4350, 23.4495, -54.7555



134.4390, 50.5626, -117.9030

Previews

White Background



This preview shows how the YUV color 62.8090, -10.2588, 23.8465 looks on a white background.

Color Contrast Check

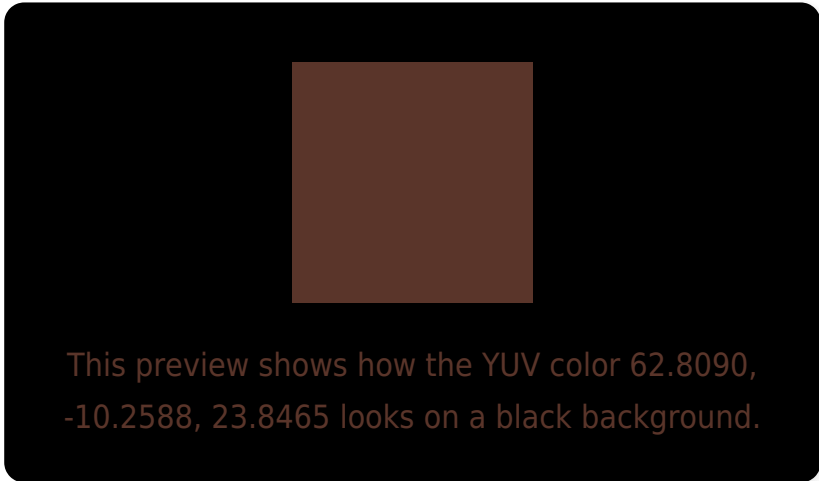
Large Text (above 18pt) WCAG AA ✓ Pass

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

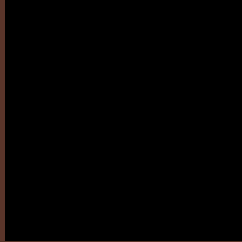
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8090, -10.2588, 23.8465

Background



This preview shows how black text looks on a background with the YUV color 62.8090, -10.2588, 23.8465.

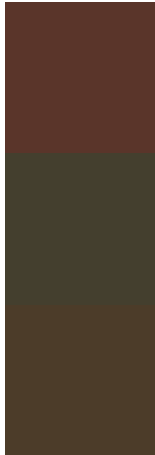


This preview shows how white text looks on a background with the YUV color 62.8090, -10.2588,

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

62.8090, -10.2588, 23.8465

Protanopia

62.5570, -8.1626, 4.7735

Deuteranopia

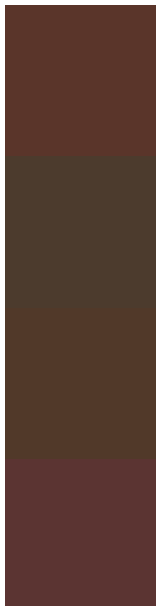
62.6180, -10.6577, 11.7360



Tritanopia

63.4160, -4.1491, 24.1912

Trichromacy



Original Color

62.8090, -10.2588, 23.8465

Protanomaly

62.4870, -8.6211, 11.8509

Deuteranomaly

62.3520, -10.5265, 16.3543

Tritanomaly

63.4330, -6.6225, 24.1763

Monochromacy



Original Color

62.8090, -10.2588, 23.8465

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7300, -3.8109, 9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8090, -10.2588, 23.8465 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, 53, 42)` looks like.

```
.text, #text, p{  
    color:rgb(90, 53, 42)  
}
```

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, 53, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 53, 42) }
```

Border

The CSS property to change the border of an element to YUV 62.8090, -10.2588, 23.8465 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, 53, 42) }
```


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

```
.border{ border-color:rgb(90, 53, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 53, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 53, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 53, 42);  
box-shadow:4px 4px 4px 4px rgb(90, 53, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8090, -10.2588, 23.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 53, 42) }
```

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

```
.background{ background-color: rgb(90, 53,  
42) }
```

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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