

Converting Colors

YUV(49.6700, 0.6557, 23.0914)

Have a look what the booklet for
YUV(49.6700, 0.6557, 23.0914)
contains.

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Color

**YUV(49.6700, 0.6557,
23.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2433
RGB	76, 36, 51
RGB Percent	30%, 14%, 20%
CMY	0.7020, 0.8588, 0.8000
CMYK	0.00, 0.53, 0.33, 0.70
HSL	338°, 36%, 22%
HSV	338°, 53%, 30%
XYZ	4.2089, 3.0373, 3.4964
YIQ	49.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

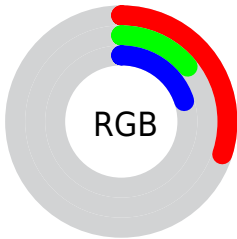
Format	Color
R_{YB}	76, 36, 51
Decimal	4990003
CIE Lab	20.19, 20.89, -1.17
CIE LCh	20, 20.925, 356.798
Yxy	3.0373, 0.3918, 0.2827
Android (android.graphics.Color)	4283180083 (0xFF4C2433)
YUV	49.6700, 0.6557, 23.0914
Hunter-Lab	17.4278, 12.6102, 0.3046

Details

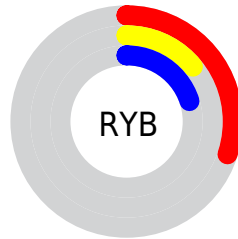
The YUV color **49.6700, 0.6557, 23.0914** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **62.3300, -0.6557, -23.0914**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8660, 0.0661, 25.5505**, and **10.6220, -3.2646, 20.5025** is the 20% darker color. If you saturate the color by 10%, you get **44.4040, 0.7868, 27.7097**, and if you desaturate by 10%, it is **54.9360, 0.5246, 18.4731**.

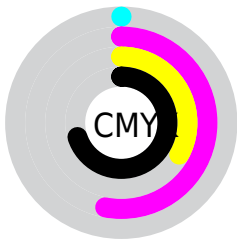
Distribution



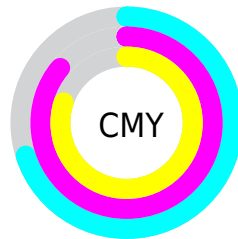
- Red (30%)
- Green (14%)
- Blue (20%)



- Red (30%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (33%)
- Black (70%)



- Cyan (70%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6700, 0.6557, 23.0914 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 49.6700, 0.6557, 23.0914 by changing the saturation by 10% instead.

■ 49.6700, 0.6557,
23.0914

■ 49.6700, 0.6557,
23.0914

■ 255.0000, 0.0000,
0.0000

■ 27.1860, 1.3873,
21.7619

■ 96.8660, 0.0661,
25.5505

■ 10.6220, -3.2646,
20.5025

■ 122.4640, -0.2288,
26.7801

■ 0.0000, 0.0000,
0.0000

■ 148.1760, -0.0868,
27.9096

■ 174.7740, -0.3816,
29.1392

■ 202.1870, -0.0922,
29.6540

■ 227.4960, 1.2345,

24.1210

247.3690, 3.7621,
6.6924

49.6700, 0.6557,
23.0914

49.6700, 0.6557,
23.0914

44.4040, 0.7868,
27.7097

54.9360, 0.5246,
18.4731

39.7250, 0.6286,
31.8132

59.6150, 0.6828,
14.3696

34.5730, 1.1965,
36.3315

64.7670, 0.1149,
9.8513

29.8940, 1.0383,
40.4350

69.4460, 0.2731,
5.7479

25.9160, 1.0274,
43.9237

74.7120, 0.1420,
1.1296

■ 79.9780, 0.0108,
-3.4887

■ 84.5430, -0.2677,
-7.4922

■ 89.8090, -0.3988,
-12.1105

■ 94.4880, -0.2406,
-16.2140

Harmonies

Analogous

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



50.7380, 7.5242, 13.3848



49.6700, 0.6557, 23.0914



48.8460, -6.3331, 24.6911

Triad

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



49.6700, 0.6557, 23.0914



45.9600, -12.7983, -1.7189



40.7210, 16.4065, -35.7123

Complementary

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



49.6700, 0.6557, 23.0914



62.3300, -0.6557, -23.0914

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.



39.9400, 10.8756, -35.0274



49.6700, 0.6557, 23.0914



43.2940, -6.0609, -16.0438

Square

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



49.6700, 0.6557, 23.0914



47.1680, -14.8728, 10.3767



38.2300, 4.3236, -33.5277



44.0260, 17.2422, -23.7018

Rectangle

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



49.6700, 0.6557, 23.0914



48.6840, -10.6902, 22.2021



38.2300, 4.3236, -33.5277



40.3790, 15.0962, -35.4124

Sweetspot

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



49.6700, 0.6557, 23.0914



89.1690, 0.4097, 8.6218



48.0350, 13.7867, 11.3703



44.4460, 0.2731, 5.7479



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.



49.6700, 0.6557, 23.0914



58.1600, 0.9071, 35.8167



50.8950, -7.3432, 22.0171



35.4240, 0.2840, 2.2592



34.8300, 1.5628, 58.9081



78.5740, 3.6610, 132.8006

Inverse Universe

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



49.6700, 0.6557, 23.0914



58.1600, 0.9071, 35.8167



61.1050, 7.3432, -22.0171



35.4240, 0.2840, 2.2592



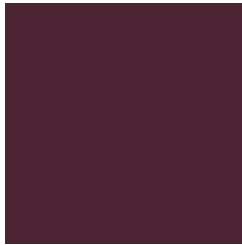
34.8300, 1.5628, 58.9081



78.5740, 3.6610, 132.8006

Previews

White Background



This preview shows how the YUV color 49.6700, 0.6557, 23.0914 looks on a white background.

Color Contrast Check

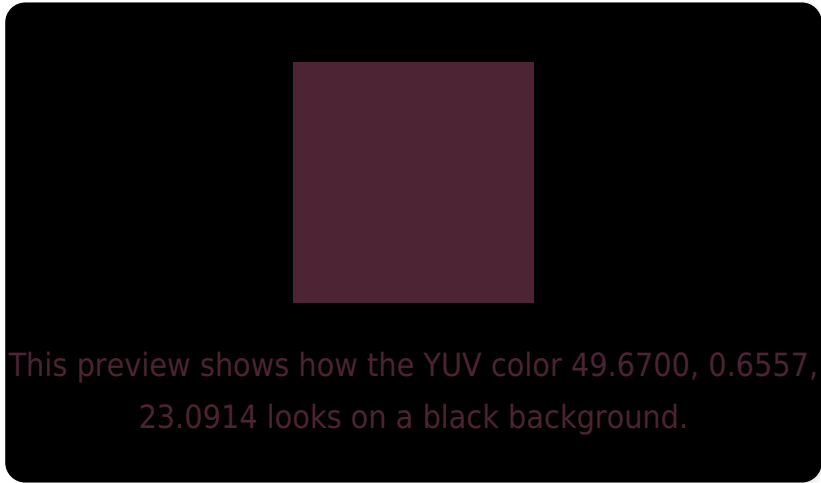
Large Text (above 18pt) WCAG AA ✓ Pass

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

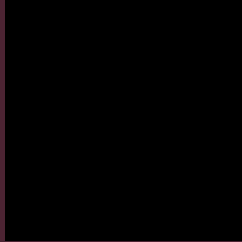
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6700, 0.6557, 23.0914

Background



This preview shows how black text looks on a background with the YUV color 49.6700, 0.6557, 23.0914.



This preview shows how white text looks on a background with the YUV color 49.6700, 0.6557,

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

49.6700, 0.6557, 23.0914

Protanopia

49.5420, 4.6628, -2.2293

Deuteranopia

49.9080, -0.4476, 3.5887



Tritanopia

49.4050, -4.1437, 22.4468

Trichromacy



Original Color

49.6700, 0.6557, 23.0914

Protanomaly

49.5540, 3.1779, 7.4071

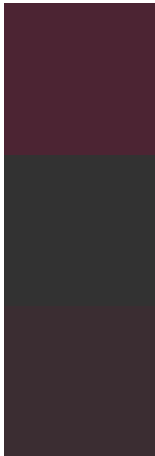
Deuteranomaly

50.0660, -0.0325, 10.4661

Tritanomaly

49.2740, -2.1071, 22.5617

Monochromacy



Original Color

49.6700, 0.6557, 23.0914

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7560, 0.1203, 8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6700, 0.6557, 23.0914 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, 36, 51)` looks like.

```
.text, #text, p{  
    color:rgb(76, 36, 51)  
}
```

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, 36, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 36, 51) }
```

Border

The CSS property to change the border of an element to YUV 49.6700, 0.6557, 23.0914 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, 36, 51) }
```


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

```
.border{ border-color:rgb(76, 36, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 36, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 36, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 36, 51);  
box-shadow:4px 4px 4px 4px rgb(76, 36, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6700, 0.6557, 23.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 36, 51) }
```

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

```
.background{ background-color: rgb(76, 36,  
51) }
```

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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