

Converting Colors

YUV(43.9630, 23.1892, 28.9734)

Have a look what the booklet for
YUV(43.9630, 23.1892, 28.9734)
contains.

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Color

**YUV(43.9630, 23.1892,
28.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	4D125B
RGB	77, 18, 91
RGB Percent	30%, 7%, 36%
CMY	0.6980, 0.9294, 0.6431
CMYK	0.15, 0.80, 0.00, 0.64
HSL	288°, 67%, 21%
HSV	288°, 80%, 36%
XYZ	5.1652, 2.7657, 10.1591
YIQ	43.9630, 11.7310, 35.2110

Conversions

Conversions Part 2

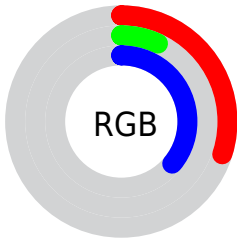
Format	Color
R_{YB}	77, 18, 91
Decimal	5050971
CIE _{Lab}	19.08, 38.18, -30.23
CIE _{LCh}	19, 48.698, 321.631
Yxy	2.7657, 0.2855, 0.1529
Android (android.graphics.Color)	4283241051 (0xFF4D125B)
YUV	43.9630, 23.1892, 28.9734
Hunter-Lab	16.6305, 26.3364, -24.5774

Details

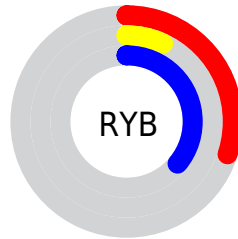
The YUV color **43.9630, 23.1892, 28.9734** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **65.0370, -23.1892, -28.9734**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6750, 23.3312, 30.1030**, and **14.9970, 14.7915, 15.7886** is the 20% darker color. If you saturate the color by 10%, you get **38.0820, 26.0886, 32.3771**, and if you desaturate by 10%, it is **49.8440, 20.2899, 25.5698**.

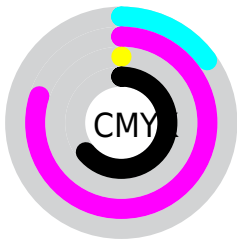
Distribution



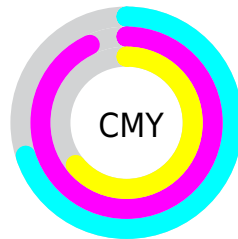
- Red (30%)
- Green (7%)
- Blue (36%)



- Red (30%)
- Yellow (7%)
- Blue (36%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.9630, 23.1892, 28.9734 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 43.9630, 23.1892, 28.9734 by changing the saturation by 10% instead.

43.9630, 23.1892,
28.9734

43.9630, 23.1892,
28.9734

255.0000, 0.0000,
0.0000

23.1860, 21.6003,
25.2699

94.6750, 23.3312,
30.1030

14.9970, 14.7915,
15.7886

120.0880, 23.6206,
30.6178

3.2090, 9.7570,
-2.8143

146.3270, 24.4888,
32.1622


0.0000, 0.0000,
0.0000


173.7400, 24.7782,
32.6770


201.5660, 25.3570,
33.7066


222.7150, 15.9165,


28.3139

 239.1510, 7.8136,
13.8996


 43.9630, 23.1892,
28.9734


 43.9630, 23.1892,
28.9734


 38.0820, 26.0886,
32.3771

 49.8440, 20.2899,
25.5698

 32.5000, 28.8405,
36.3955

 55.4260, 17.5380,
21.5514

 61.3070, 14.6386,
18.1478

 67.1880, 11.7393,
14.7441

 73.6560, 8.5506,
10.8257

■ 79.2380, 5.7987,
6.8073

■ 85.1190, 2.8993,
3.4036

■ 91.0000, 0.0000,
0.0000

■ 96.8810, -2.8993,
-3.4036

Harmonies

Analogous

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



37.5360, 37.2038, -32.9191



43.9630, 23.1892, 28.9734



37.1100, 10.2988, 56.9085

Triad

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



43.9630, 23.1892, 28.9734



43.8010, -21.5939, 19.4685



43.4280, 14.0860, -38.0864

Complementary

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



43.9630, 23.1892, 28.9734



65.0370, -23.1892, -28.9734

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.



39.2100, -2.0755, -34.3872



43.9630, 23.1892, 28.9734



40.6900, -20.0602, -5.8671

Square

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



43.9630, 23.1892, 28.9734



40.1230, -19.7806, 44.6191



33.4590, -16.4953, -29.3435



46.2610, 27.4793, -40.5709

Rectangle

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



43.9630, 23.1892, 28.9734



35.3850, -0.1898, 61.0524



33.4590, -16.4953, -29.3435



42.0600, 8.8444, -36.8866

Sweetspot

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



43.9630, 23.1892, 28.9734



99.0690, 8.8400, 11.3405



35.1270, 27.5454, -15.0204



47.8250, 5.5093, 6.2925



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.



43.9630, 23.1892, 28.9734



44.9770, 35.5073, 44.7472



45.6410, 11.5160, 39.7798



42.7660, 1.5944, 1.9592



39.1510, 34.9286, 43.7176



84.4260, 75.2190, 94.3424

Inverse Universe

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



41.4230, -4.6455, 43.4790



40.8820, -7.3368, 66.7555



63.3590, -11.5160, -39.7798



42.6090, -0.3002, 2.9739



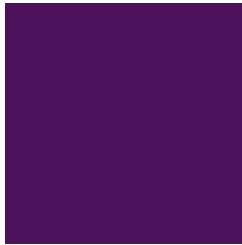
35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 43.9630, 23.1892, 28.9734 looks on a white background.

Color Contrast Check

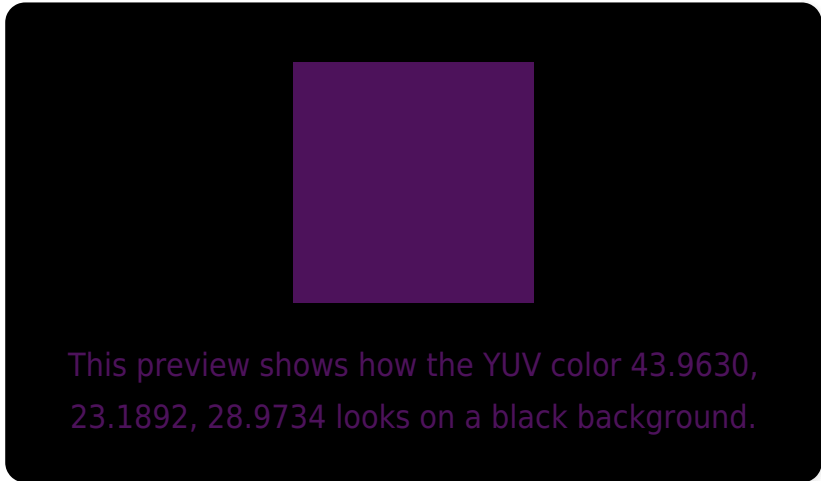
Large Text (above 18pt) WCAG AA ✓ Pass

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

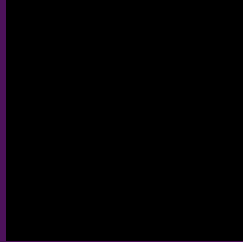
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.9630, 23.1892, 28.9734

Background



This preview shows how black text looks on a background with the YUV color 43.9630, 23.1892, 28.9734.



This preview shows how white text looks on a background with the YUV color 43.9630, 23.1892,

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

43.9630, 23.1892, 28.9734

Protanopia

38.1740, 29.4942, -33.4786

Deuteranopia

41.5570, 21.9104, -27.6755



Tritanopia

48.4970, -3.6960, 18.8581

Trichromacy



Original Color

43.9630, 23.1892, 28.9734

Protanomaly

40.3340, 26.9503, -10.8169

Deuteranomaly

42.5040, 22.4295, -7.4580

Tritanomaly

46.7500, 6.0393, 23.0212

Monochromacy



Original Color

43.9630, 23.1892, 28.9734

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2430, 8.2612, 10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.9630, 23.1892, 28.9734 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(77, 18, 91)` looks like.

```
.text, #text, p{  
    color:rgb(77, 18, 91)  
}
```

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(77, 18, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 18, 91) }
```

Border

The CSS property to change the border of an element to YUV 43.9630, 23.1892, 28.9734 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(77, 18, 91) }
```


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

```
.border{ border-color:rgb(77, 18, 91) }
```

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

Here you see how a box with a 4 pixel rgb(77, 18, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 18, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 18, 91);  
box-shadow:4px 4px 4px 4px rgb(77, 18, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.9630, 23.1892, 28.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 18, 91) }
```

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

```
.background{ background-color: rgb(77, 18,  
91) }
```

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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