

Converting Colors

YUV(82.1070, 31.4992, 23.5852)

Have a look what the booklet for
YUV(82.1070, 31.4992, 23.5852)
contains.

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Color

**YUV(82.1070, 31.4992,
23.5852)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6D3892 |
| RGB | 109, 56, 146 |
| RGB Percent | 43%, 22%, 57% |
| CMY | 0.5725, 0.7804, 0.4275 |
| CMYK | 0.25, 0.62, 0.00, 0.43 |
| HSL | 275°, 45%, 40% |
| HSV | 275°, 62%, 57% |
| XYZ | 12.9092, 8.1549, 28.0878 |
| YIQ | 82.1070, 2.6980, 39.2260 |

Conversions

Conversions Part 2

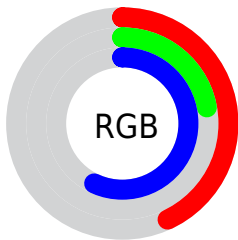
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 56, 146 |
| Decimal | 7157906 |
| CIE _{Lab} | 34.30, 40.19, -40.59 |
| CIE _{LCh} | 34, 57.117, 314.718 |
| Yxy | 8.1549, 0.2626, 0.1659 |
| Android (android.graphics.Color) | 4285347986 (0xFF6D3892) |
| YUV | 82.1070, 31.4992, 23.5852 |
| Hunter-Lab | 28.5567, 30.7171, -38.3266 |

Details

The YUV color **82.1070, 31.4992, 23.5852** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.8930, -31.4992, -23.5852**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8730, 33.0936, 25.5444**, and **30.2210, 31.9360, 23.4852** is the 20% darker color. If you saturate the color by 10%, you get **71.5080, 36.7246, 27.6185**, and if you desaturate by 10%, it is **92.7060, 26.2739, 19.5518**.

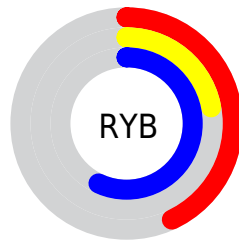
Distribution



Red (43%)

Green (22%)

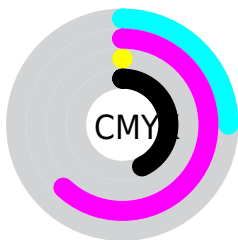
Blue (57%)



Red (43%)

Yellow (22%)

Blue (57%)

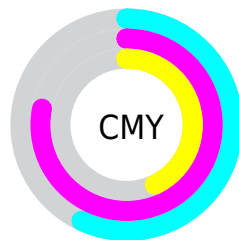


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (78%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1070, 31.4992, 23.5852 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 82.1070, 31.4992, 23.5852 by changing the saturation by 10% instead.

■ 82.1070, 31.4992,
23.5852

■ 82.1070, 31.4992,
23.5852

■ 255.0000, 0.0000,
0.0000

■ 57.2810, 30.9205,
22.5556

■ 133.8730, 33.0936,
25.5444

■ 30.2210, 31.9360,
23.4852

■ 160.6990, 33.6724,
26.5740

■ 17.5480, 25.8588,
12.6744

■ 187.5960, 33.2302,
28.4183

■ 5.3580, 20.5295,
-4.6990

■ 212.7030, 20.8524,
31.8325

■ 3.4370, 10.6306,
-3.0142

■ 230.9330, 11.8650,
21.1068

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.4727,

6.1776

■ 82.1070, 31.4992,
23.5852

■ 82.1070, 31.4992,
23.5852

■ 71.5080, 36.7246,
27.6185

■ 92.7060, 26.2739,
19.5518

■ 61.4960, 41.6605,
31.1370

■ 102.7180, 21.3380,
16.0333

■ 50.8970, 46.8858,
35.1703

■ 113.3170, 16.1127,
12.0000

■ 42.3580, 51.0955,
38.2740

■ 123.3290, 11.1768,
8.4815

■ 133.9280, 5.9515,
4.4481

■ 144.5270, 0.7262,
0.4148

■ 154.5390, -4.2097,
-3.1037

■ 165.1380, -9.4350,
-7.1370

■ 175.1500,
-14.3709, -10.6555

Harmonies

Analogous

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



65.7530, 51.3938, -57.6654



82.1070, 31.4992, 23.5852



72.4840, 16.5234, 67.1045

Triad

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



82.1070, 31.4992, 23.5852



76.3720, -37.6514, 36.5078



70.4420, 16.0511, -61.7776

Complementary

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



82.1070, 31.4992, 23.5852



119.8930, -31.4992, -23.5852

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.



64.3830, -4.6258, -56.4639



82.1070, 31.4992, 23.5852



74.1030, -36.5328, 4.2947

Square

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



82.1070, 31.4992, 23.5852



73.0670, -28.1340, 63.9622



58.7660, -28.9716, -41.0138



74.5290, 34.2492, -65.3619

Rectangle

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



82.1070, 31.4992, 23.5852



64.7110, 5.5655, 81.8145



58.7660, -28.9716, -41.0138



68.6180, 9.0623, -60.1780

Sweetspot

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



82.1070, 31.4992, 23.5852



164.8560, 11.9030, 8.8963



88.5660, 28.3150, -28.5604



79.8680, 6.9671, 5.3778



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



82.1070, 31.4992, 23.5852



89.4780, 49.0643, 36.4148



92.3720, 22.9876, 47.0318



68.9940, 2.4680, 1.7593



39.9510, 48.3382, 36.0000



2.9340, 3.4835, 2.6889

Inverse Universe

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



87.1280, 2.8949, 51.6307



97.3580, 4.2605, 80.3700



109.6280, -22.9876, -47.0318



69.4350, 0.2785, 4.0035



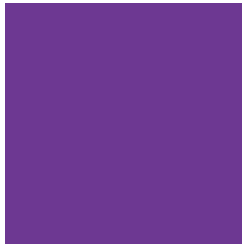
47.7600, 4.5553, 79.1405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 82.1070, 31.4992, 23.5852 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



This preview shows how the YUV color 82.1070, 31.4992, 23.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

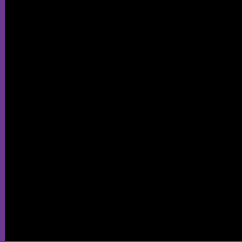
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1070, 31.4992, 23.5852

Background



This preview shows how black text looks on a background with the YUV color 82.1070, 31.4992, 23.5852.



This preview shows how white text looks on a background with the YUV color 82.1070, 31.4992,

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

82.1070, 31.4992, 23.5852

Deuteranopia

74.0750, 32.9940, -36.0228

Tritanopia

82.5610, -0.7696, 13.5400

Trichromacy



Original Color

82.1070, 31.4992, 23.5852

Deuteranomaly

77.3920, 32.3447, -14.3758

Tritanomaly

82.3840, 11.1497, 17.2032

Monochromacy



Original Color

82.1070, 31.4992, 23.5852

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3290, 11.1768, 8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1070, 31.4992, 23.5852 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(109, 56, 146)` looks like.

```
.text, #text, p{  
    color:rgb(109, 56, 146)  
}
```

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(109, 56, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 56, 146) }
```

Border

The CSS property to change the border of an element to YUV 82.1070, 31.4992, 23.5852 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(109, 56, 146) }
```

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

```
.border{ border-color:rgb(109, 56, 146) }
```

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

Here you see how a box with a 4 pixel rgb(109, 56, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 56, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 56, 146);  
box-shadow:4px 4px 4px 4px rgb(109, 56,  
146) }
```


Background

The CSS property to change the background color of an element to YUV 82.1070, 31.4992, 23.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 56, 146) }
```

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

```
.background{ background-color: rgb(109, 56,  
146) }
```

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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