

Converting Colors

YUV(42.0840, 23.1296, 48.1613)

Have a look what the booklet for
YUV(42.0840, 23.1296, 48.1613)
contains.

YUV(42.0840, 23.1296, 48.1613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(42.0840, 23.1296,
48.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	610559
RGB	97, 5, 89
RGB Percent	38%, 2%, 35%
CMY	0.6196, 0.9804, 0.6510
CMYK	0.00, 0.95, 0.08, 0.62
HSL	305°, 90%, 20%
HSV	305°, 95%, 38%
XYZ	6.7872, 3.3712, 9.7442
YIQ	42.0840, 27.8680, 45.6280

Conversions

Conversions Part 2

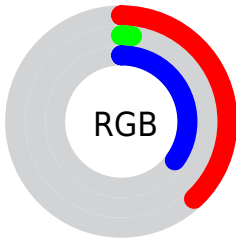
Format	Color
R_{YB}	97, 5, 89
Decimal	6358361
CIE _{Lab}	21.47, 45.92, -24.85
CIE _{LCh}	21, 52.209, 331.577
Yxy	3.3712, 0.3410, 0.1694
Android (android.graphics.Color)	4284548441 (0xFF610559)
YUV	42.0840, 23.1296, 48.1613
Hunter-Lab	18.3608, 33.8524, -18.6129

Details

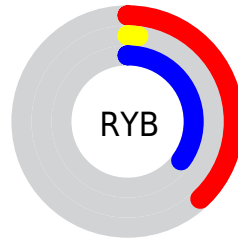
The YUV color **42.0840, 23.1296, 48.1613** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **59.9160, -23.1296, -48.1613**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1500, 19.6460, 45.4724**, and **19.2540, 11.7068, 25.2102** is the 20% darker color. If you saturate the color by 10%, you get **39.1490, 24.5765, 50.7353**, and if you desaturate by 10%, it is **48.0680, 20.6725, 42.9134**.

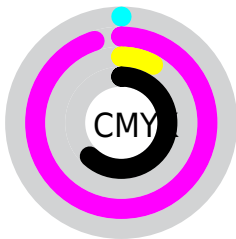
Distribution



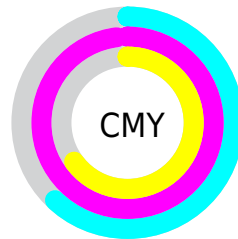
- Red (38%)
- Green (2%)
- Blue (35%)



- Red (38%)
- Yellow (2%)
- Blue (35%)



- Cyan (0%)
- Magenta (95%)
- Yellow (8%)
- Black (62%)



- Cyan (62%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0840, 23.1296, 48.1613 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 42.0840, 23.1296, 48.1613 by changing the saturation by 10% instead.

42.0840, 23.1296,
48.1613

42.0840, 23.1296,
48.1613

255.0000, 0.0000,
0.0000

28.6390, 17.9260,
37.1506

99.1500, 19.6460,
45.4724

19.2540, 11.7068,
25.2102

125.5630, 19.9354,
45.9872

5.9820, 7.4039,
5.2778

152.5740, 19.9300,
47.7316


0.0000, 0.0000,
0.0000


180.2860, 20.0720,
48.8612


205.1220, 22.1249,
43.7430


222.1280, 16.2059,


28.8287


 239.1510, 7.8136,
13.8996


 42.0840, 23.1296,
48.1613


 42.0840, 23.1296,
48.1613


 39.1490, 24.5765,
50.7353

 48.0680, 20.6725,
42.9134

 53.4650, 18.5048,
38.1802

 59.4490, 16.0476,
32.9322

 65.3190, 13.1537,
27.7842

 71.3030, 10.6966,
22.5363

■ 76.7000, 8.5289,
17.8031

■ 82.6840, 6.0718,
12.5551

■ 88.6680, 3.6147,
7.3072

■ 94.0650, 1.4470,
2.5740

Harmonies

Analogous

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



50.3870, 33.3332, -4.7244



42.0840, 23.1296, 48.1613



40.1990, 5.3249, 65.6005

Triad

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



42.0840, 23.1296, 48.1613



48.7740, -24.0456, 12.4762



49.7030, 20.3594, -43.5895

Complementary

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



42.0840, 23.1296, 48.1613



59.9160, -23.1296, -48.1613

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.



44.7840, 4.0505, -39.2756



42.0840, 23.1296, 48.1613



41.4990, -20.4590, -17.9776

Square

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



42.0840, 23.1296, 48.1613



46.8790, -23.1113, 39.5711



39.1810, -14.8792, -34.3617



51.2480, 33.8947, -44.9445

Rectangle

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



42.0840, 23.1296, 48.1613



37.3490, -5.5951, 68.0999



39.1810, -14.8792, -34.3617



48.3350, 15.1178, -42.3898

Sweetspot

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



42.0840, 23.1296, 48.1613



104.1130, 8.8183, 18.3179



17.8800, 39.0062, -4.2798



50.8580, 5.4930, 11.5255



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



42.0840, 23.1296, 48.1613



50.3710, 31.3691, 65.4496



36.8400, 3.0369, 52.7603



45.6520, 1.1576, 2.0592



45.1160, 28.0438, 58.6573



96.7260, 60.2811, 125.6513

Inverse Universe

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



42.0840, 23.1296, 48.1613



50.3710, 31.3691, 65.4496



65.1600, -3.0369, -52.7603



45.6520, 1.1576, 2.0592



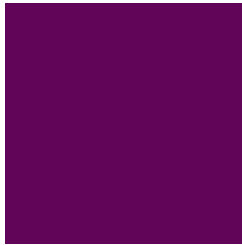
45.1160, 28.0438, 58.6573



96.7260, 60.2811, 125.6513

Previews

White Background



This preview shows how the YUV color 42.0840, 23.1296, 48.1613 looks on a white background.

Color Contrast Check

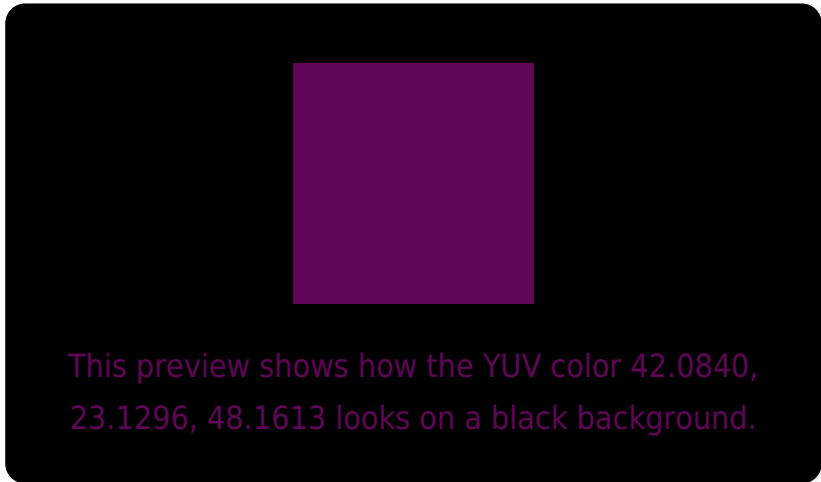
Large Text (above 18pt) WCAG AA ✓ Pass

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

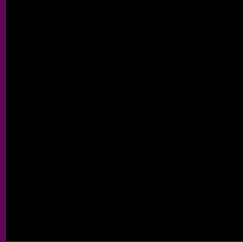
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0840, 23.1296, 48.1613

Background



This preview shows how black text looks on a background with the YUV color 42.0840, 23.1296, 48.1613.



This preview shows how white text looks on a background with the YUV color 42.0840, 23.1296,

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

42.0840, 23.1296, 48.1613

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

53.2340, 15.1676, -11.6062



Tritanopia

52.2710, -7.5286, 34.8423

Trichromacy



Original Color

42.0840, 23.1296, 48.1613

Protanomaly

43.4530, 29.8497, -7.4133

Deuteranomaly

49.1750, 18.1547, 10.3705

Tritanomaly

48.5780, 3.6590, 39.8351

Monochromacy



Original Color

42.0840, 23.1296, 48.1613

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2870, 8.2395, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0840, 23.1296, 48.1613 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(97, 5, 89)` looks like.

```
.text, #text, p{  
    color:rgb(97, 5, 89)  
}
```

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(97, 5, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 5, 89) }
```

Border

The CSS property to change the border of an element to YUV 42.0840, 23.1296, 48.1613 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(97, 5, 89) }
```


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

```
.border{ border-color:rgb(97, 5, 89) }
```

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

Here you see how a box with a 4 pixel rgb(97, 5, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 5, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 5, 89); box-shadow:4px  
4px 4px 4px rgb(97, 5, 89) }
```

Background

The CSS property to change the background color of an element to YUV 42.0840, 23.1296, 48.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 5, 89) }
```

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

```
.background{ background-color: rgb(97, 5,  
89) }
```

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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