

Converting Colors

YUV(43.2090, 16.6590, 23.4957)

Have a look what the booklet for
YUV(43.2090, 16.6590, 23.4957)
contains.

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Color

**YUV(43.2090, 16.6590,
23.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	46174D
RGB	70, 23, 77
RGB Percent	27%, 9%, 30%
CMY	0.7255, 0.9098, 0.6980
CMYK	0.09, 0.70, 0.00, 0.70
HSL	292°, 54%, 20%
HSV	292°, 70%, 30%
XYZ	4.1717, 2.4507, 7.2743
YIQ	43.2090, 10.6780, 26.7580

Conversions

Conversions Part 2

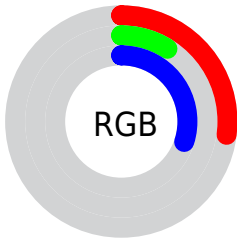
Format	Color
RYB	70, 23, 77
Decimal	4593485
CIELab	17.69, 31.14, -23.06
CIElCh	18, 38.748, 323.477
Yxy	2.4507, 0.3002, 0.1764
Android (android.graphics.Color)	4282783565 (0xFF46174D)
YUV	43.2090, 16.6590, 23.4957
Hunter-Lab	15.6547, 20.1717, -16.5922

Details

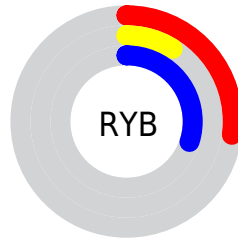
The YUV color **43.2090, 16.6590, 23.4957** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **56.7910, -16.6590, -23.4957**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3340, 17.0903, 25.1401**, and **11.2370, 10.7292, 12.0702** is the 20% darker color. If you saturate the color by 10%, you get **38.2140, 19.1215, 26.9993**, and if you desaturate by 10%, it is **48.2040, 14.1964, 19.9921**.

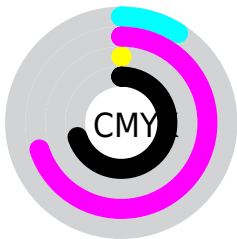
Distribution



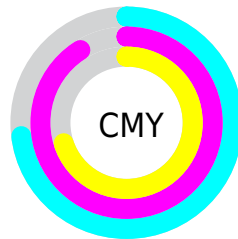
- Red (27%)
- Green (9%)
- Blue (30%)



- Red (27%)
- Yellow (9%)
- Blue (30%)



- Cyan (9%)
- Magenta (70%)
- Yellow (0%)
- Black (70%)



- Cyan (73%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.2090, 16.6590, 23.4957 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 43.2090, 16.6590, 23.4957 by changing the saturation by 10% instead.

■ 43.2090, 16.6590,
23.4957

■ 43.2090, 16.6590,
23.4957

■ 255.0000, 0.0000,
0.0000

■ 19.9100, 16.8064,
22.8809

■ 91.3340, 17.0903,
25.1401

■ 11.2370, 10.7292,
12.0702

■ 117.0460, 17.2323,
26.2697

■ 0.4560, 1.7472,
-0.3999

■ 142.8720, 17.8111,
27.2993

■ 0.0000, 0.0000,
0.0000


■ 169.6980, 18.3899,
28.3289


■ 197.1110, 18.6793,
28.8437


■ 223.3020, 15.6271,


27.7991


 239.7380, 7.5242,
13.3848


 43.2090, 16.6590,
23.4957


 43.2090, 16.6590,
23.4957

 38.2140, 19.1215,
26.9993


 48.2040, 14.1964,
19.9921


 33.8060, 21.2946,
29.9881

 52.6120, 12.0233,
17.0033

 28.8110, 23.7572,
33.4918

 57.6070, 9.5607,
13.4997

 62.6020, 7.0982,
9.9960

 67.5970, 4.6357,
6.4924

■ 72.0050, 2.4625,
3.5036

■ 77.0000, 0.0000,
0.0000

■ 81.9950, -2.4625,
-3.5036

■ 86.4030, -4.6357,
-6.4924

Harmonies

Analogous

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



40.6000, 26.8192, -15.4352



43.2090, 16.6590, 23.4957



35.0610, 7.8579, 46.4275

Triad

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



43.2090, 16.6590, 23.4957



41.4200, -20.4201, 16.2947



39.6950, 12.4754, -34.8125

Complementary

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



43.2090, 16.6590, 23.4957



56.7910, -16.6590, -23.4957

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.



36.3890, -0.1918, -31.9132



43.2090, 16.6590, 23.4957



38.3420, -18.9026, -3.8079

Square

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



43.2090, 16.6590, 23.4957



39.7690, -19.6061, 35.2826



31.5670, -13.5905, -27.6843



41.7300, 22.8111, -36.5972

Rectangle

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



43.2090, 16.6590, 23.4957



33.7920, -0.8835, 50.1714



31.5670, -13.5905, -27.6843



38.6690, 8.5442, -33.9127

Sweetspot

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



43.2090, 16.6590, 23.4957



86.6620, 6.0826, 9.0664



33.2650, 21.5614, -9.0024



42.7710, 4.0569, 5.4628



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.



43.2090, 16.6590, 23.4957



47.2890, 25.4935, 36.5805



43.0220, 6.8912, 29.7987



35.6520, 1.1576, 2.0592



38.2390, 31.4342, 44.5174



86.0200, 70.9821, 99.9605

Inverse Universe

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



39.9440, -4.9024, 32.4981



42.0710, -7.4300, 49.9267



56.9780, -6.8912, -29.7987



35.3100, -0.1528, 2.3591



31.9800, -9.3571, 61.4075



72.1900, -20.7997, 138.3994

Previews

White Background



This preview shows how the YUV color 43.2090, 16.6590, 23.4957 looks on a white background.

Color Contrast Check

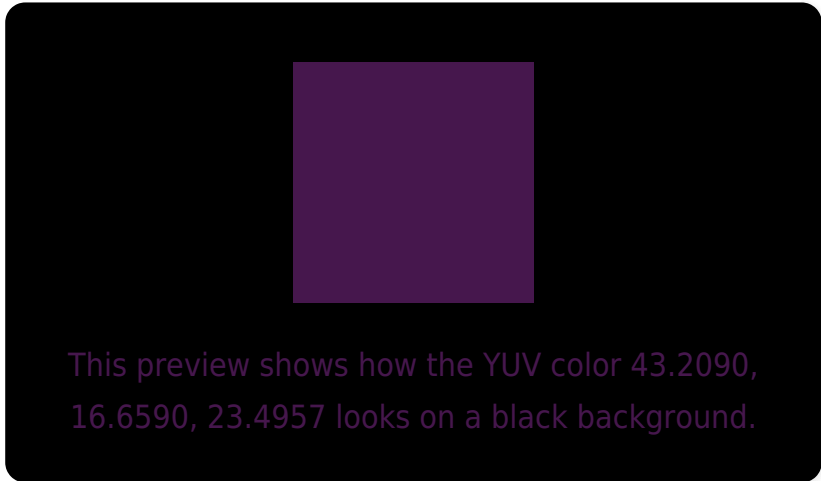
Large Text (above 18pt) WCAG AA ✓ Pass

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

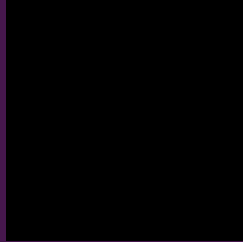
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.2090, 16.6590, 23.4957

Background



This preview shows how black text looks on a background with the YUV color 43.2090, 16.6590, 23.4957.



This preview shows how white text looks on a background with the YUV color 43.2090, 16.6590,

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

43.2090, 16.6590, 23.4957

Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

42.5110, 15.0311, -14.4801



Tritanopia

45.0130, -2.9644, 17.5286

Trichromacy



Original Color

43.2090, 16.6590, 23.4957

Protanomaly

38.4110, 23.4614, -11.7614

Deuteranomaly

42.7130, 15.4245, -0.6253

Tritanomaly

44.2720, 4.3029, 19.9325

Monochromacy



Original Color

43.2090, 16.6590, 23.4957

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.2090, 16.6590, 23.4957 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(70, 23, 77)` looks like.

```
.text, #text, p{  
    color:rgb(70, 23, 77)  
}
```

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(70, 23, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 23, 77) }
```

Border

The CSS property to change the border of an element to YUV 43.2090, 16.6590, 23.4957 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(70, 23, 77) }
```


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

```
.border{ border-color:rgb(70, 23, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 23, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 23, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 23, 77);  
box-shadow:4px 4px 4px 4px rgb(70, 23, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.2090, 16.6590, 23.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 23, 77) }
```

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

```
.background{ background-color: rgb(70, 23,  
77) }
```

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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