

Converting Colors

YUV(23.6290, 9.5499, 16.9884)

Have a look what the booklet for
YUV(23.6290, 9.5499, 16.9884)
contains.

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Color

**YUV(23.6290, 9.5499,
16.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0A2B
RGB	43, 10, 43
RGB Percent	17%, 4%, 17%
CMY	0.8314, 0.9608, 0.8314
CMYK	0.00, 0.77, 0.00, 0.83
HSL	300°, 62%, 10%
HSV	300°, 77%, 17%
XYZ	1.5408, 0.9051, 2.3790
YIQ	23.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

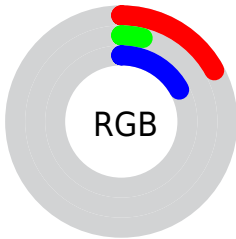
Format	Color
RYB	43, 10, 43
Decimal	2820651
CIELab	8.17, 22.34, -14.23
CIELCh	8, 26.492, 327.505
Yxy	0.9051, 0.3194, 0.1876
Android (android.graphics.Color)	4281010731 (0xFF2B0A2B)
YUV	23.6290, 9.5499, 16.9884
Hunter-Lab	9.5136, 12.2614, -8.1666

Details

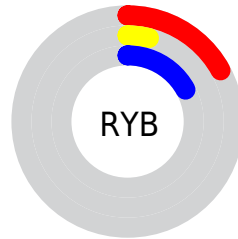
The YUV color **23.6290, 9.5499, 16.9884** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.3710, -9.5499, -16.9884**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.7540, 9.9813, 18.6327**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.2810, 10.7075, 19.0476**, and if you desaturate by 10%, it is **25.9770, 8.3923, 14.9292**.

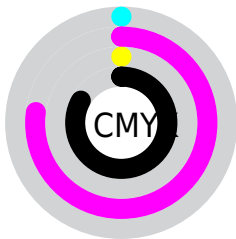
Distribution



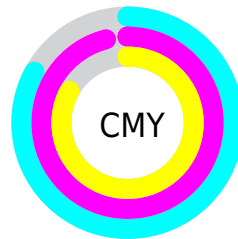
- Red (17%)
- Green (4%)
- Blue (17%)



- Red (17%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (0%)
- Black (83%)



- Cyan (83%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.6290, 9.5499, 16.9884 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 23.6290, 9.5499, 16.9884 by changing the saturation by 10% instead.

■ 23.6290, 9.5499,
16.9884

■ 23.6290, 9.5499,
16.9884

■ 243.8470, 5.4984,
9.7812

■ 8.9010, 6.9508,
10.6108

■ 68.7540, 9.9813,
18.6327

■ 0.0000, 0.0000,
0.0000

■ 92.4660, 10.1233,
19.7623

■ 117.8790, 10.4127,
20.2771

■ 143.5910, 10.5546,
21.4067

■ 170.0040, 10.8440,
21.9215

■ 197.4170, 11.1334,

22.4363

225.8300, 11.4228,
22.9511

23.6290, 9.5499,
16.9884

23.6290, 9.5499,
16.9884

21.2810, 10.7075,
19.0476

25.9770, 8.3923,
14.9292

18.3460, 12.1544,
21.6216

28.9120, 6.9454,
12.3552

17.7590, 12.4438,
22.1364

31.2600, 5.7878,
10.2960

33.6080, 4.6303,
8.2368

36.5430, 3.1833,
5.6628

■ 38.8910, 2.0257,
3.6036

■ 41.2390, 0.8682,
1.5444

■ 43.5870, -0.2894,
-0.5148

■ 46.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



23.3920, 15.5827, -4.7288



23.6290, 9.5499, 16.9884



20.5720, 2.6760, 28.4394

Triad

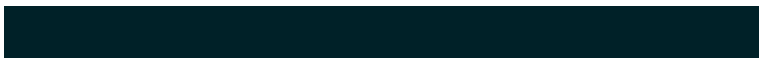
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.6290, 9.5499, 16.9884



23.3680, -11.5204, 8.4473



23.9310, 7.9220, -20.9875

Complementary

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



23.6290, 9.5499, 16.9884



29.3710, -9.5499, -16.9884

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.



21.8790, 0.0597, -19.1879



23.6290, 9.5499, 16.9884



20.6220, -10.1666, -5.8075

Square

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



23.6290, 9.5499, 16.9884



22.5590, -11.1216, 20.5578



18.1970, -8.9711, -15.9588



24.2390, 14.1792, -21.2576

Rectangle

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



23.6290, 9.5499, 16.9884



19.8620, -3.8760, 29.9390



18.1970, -8.9711, -15.9588



23.2470, 5.3012, -20.3876

Sweetspot

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



23.6290, 9.5499, 16.9884



48.3690, 3.7621, 6.6924



13.7620, 14.4143, -3.2993



23.3040, 2.3151, 4.1184



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



23.6290, 9.5499, 16.9884



25.4760, 15.0483, 26.7695



21.8050, 2.5611, 18.5880



18.8260, 0.5788, 1.0296



34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Inverse Universe

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



23.6290, 9.5499, 16.9884



25.4760, 15.0483, 26.7695



31.3090, -2.1243, -18.6880



18.8260, 0.5788, 1.0296



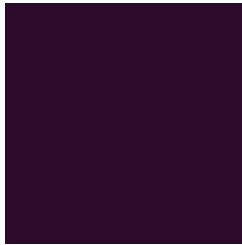
34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 23.6290, 9.5499, 16.9884 looks on a white background.

Color Contrast Check

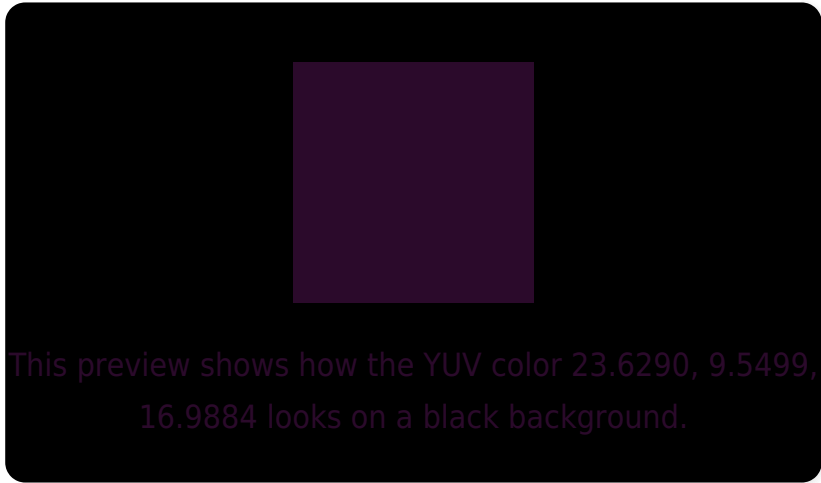
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6290, 9.5499, 16.9884

Background



This preview shows how black text looks on a background with the YUV color 23.6290, 9.5499, 16.9884.



This preview shows how white text looks on a background with the YUV color 23.6290, 9.5499,

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

23.6290, 9.5499, 16.9884

Protanopia

20.7170, 15.9155, -18.1688

Deuteranopia

25.0190, 7.8786, -7.0327



Tritanopia

25.3930, -2.6587, 12.8103

Trichromacy



Original Color

23.6290, 9.5499, 16.9884

Protanomaly

22.1100, 13.2568, -5.3585

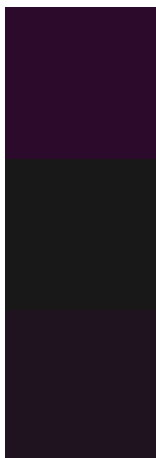
Deuteranomaly

24.3020, 8.7251, 1.4891

Tritanomaly

24.8430, 1.5564, 14.1697

Monochromacy



Original Color

23.6290, 9.5499, 16.9884

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.6290, 9.5499, 16.9884 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(43, 10, 43)` looks like.

```
.text, #text, p{  
    color:rgb(43, 10, 43)  
}
```

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(43, 10, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 10, 43) }
```

Border

The CSS property to change the border of an element to YUV 23.6290, 9.5499, 16.9884 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(43, 10, 43) }
```


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

```
.border{ border-color:rgb(43, 10, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 10, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 10, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 10, 43);  
box-shadow:4px 4px 4px 4px rgb(43, 10, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.6290, 9.5499, 16.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 10, 43) }
```

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

```
.background{ background-color: rgb(43, 10,  
43) }
```

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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