

Converting Colors

YUV(23.1710, 17.6637, 27.9140)

Have a look what the booklet for
YUV(23.1710, 17.6637, 27.9140)
contains.

YUV(23.1710, 17.6637, 27.9140)	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>	30

Color

**YUV(23.1710, 17.6637,
27.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	37003B
RGB	55, 0, 59
RGB Percent	22%, 0%, 23%
CMY	0.7843, 1.0000, 0.7686
CMYK	0.07, 1.00, 0.00, 0.77
HSL	296°, 100%, 12%
HSV	296°, 100%, 23%
XYZ	2.3650, 1.1280, 4.2307
YIQ	23.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

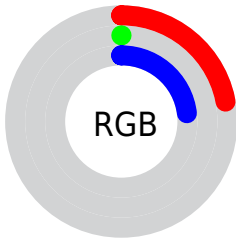
Format	Color
R_YB	55, 0, 59
Decimal	3604539
CIE _{Lab}	10.02, 33.84, -22.89
CIE _{LCh}	10, 40.850, 325.926
Yxy	1.1280, 0.3062, 0.1460
Android (android.graphics.Color)	4281794619 (0xFF37003B)
YUV	23.1710, 17.6637, 27.9140
Hunter-Lab	10.6207, 21.1613, -16.1837

Details

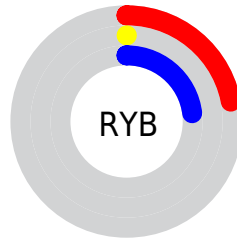
The YUV color **23.1710, 17.6637, 27.9140** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.8290, -17.6637, -27.9140**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3560, 17.0795, 28.6288**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **23.1710, 17.6637, 27.9140**, and if you desaturate by 10%, it is **26.6930, 15.9274, 24.8252**.

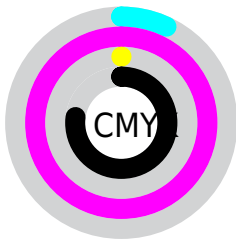
Distribution



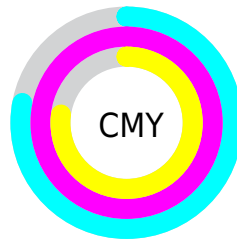
- Red (22%)
- Green (0%)
- Blue (23%)



- Red (22%)
- Yellow (0%)
- Blue (23%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (78%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1710, 17.6637, 27.9140 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 23.1710, 17.6637, 27.9140 by changing the saturation by 10% instead.

■ 23.1710, 17.6637,
27.9140

■ 23.1710, 17.6637,
27.9140

■ 242.0860, 6.3666,
11.3256

■ 15.0960, 11.2917,
18.3328

■ 72.3560, 17.0795,
28.6288

■ 2.0690, 5.3890,
-1.8145

■ 97.0680, 17.2215,
29.7584

■ 0.0000, 0.0000,
0.0000

■ 122.4810, 17.5109,
30.2732

■ 149.1930, 17.6529,
31.4027

■ 176.0190, 18.2316,
32.4323

■ 203.8450, 18.8104,

33.4619

■ 225.6500, 14.4696,
25.7400

■ 23.1710, 17.6637,
27.9140

■ 26.6930, 15.9274,
24.8252

■ 30.5140, 14.0436,
22.3512

■ 34.0360, 12.3073,
19.2624

■ 37.8570, 10.4235,
16.7884

■ 40.7920, 8.9765,
14.2144

■ 44.3140, 7.2402,
11.1256

■ 48.1350, 5.3564,
8.6516

■ 51.6570, 3.6201,
5.5628

■ 55.4780, 1.7363,
3.0888

Harmonies

Analogous

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



21.8060, 27.7036, -19.1239



23.1710, 17.6637, 27.9140



24.9910, 3.9484, 40.3499

Triad

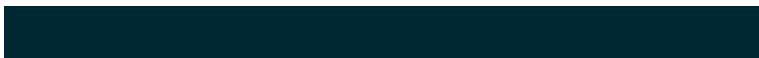
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.1710, 17.6637, 27.9140



26.3360, -12.9836, 11.1063



29.2940, 10.7011, -25.6908

Complementary

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



23.1710, 17.6637, 27.9140



35.8290, -17.6637, -27.9140

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.



26.1020, -1.5293, -22.8915



23.1710, 17.6637, 27.9140



22.0620, -10.8766, -11.4554

Square

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



23.1710, 17.6637, 27.9140



23.5110, -11.5909, 31.1239



22.3060, -10.9969, -19.5624



30.7420, 21.3262, -26.9607

Rectangle

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



23.1710, 17.6637, 27.9140



23.1950, -5.5191, 43.6790



22.3060, -10.9969, -19.5624



28.2680, 6.7699, -24.7910

Sweetspot

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



23.1710, 17.6637, 27.9140



62.9010, 6.9508, 10.6108



9.6610, 24.3241, -8.4727



29.4830, 4.1989, 6.5924



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



23.1710, 17.6637, 27.9140



30.0070, 23.1675, 35.9509



21.5170, 6.1541, 32.8726



28.9400, 1.0156, 0.9296



37.0280, 28.0872, 44.7024



87.2010, 66.4559, 105.0637

Inverse Universe

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



18.0970, -6.9498, 35.8719



23.5930, -9.1663, 46.8379



37.4830, -6.1541, -32.8726



28.8970, -0.4422, 1.8443



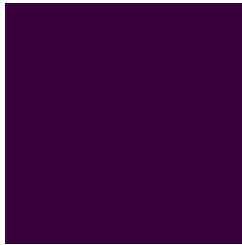
28.7900, -11.2355, 57.1892



68.0880, -26.1724, 134.9808

Previews

White Background



This preview shows how the YUV color 23.1710, 17.6637, 27.9140 looks on a white background.

Color Contrast Check

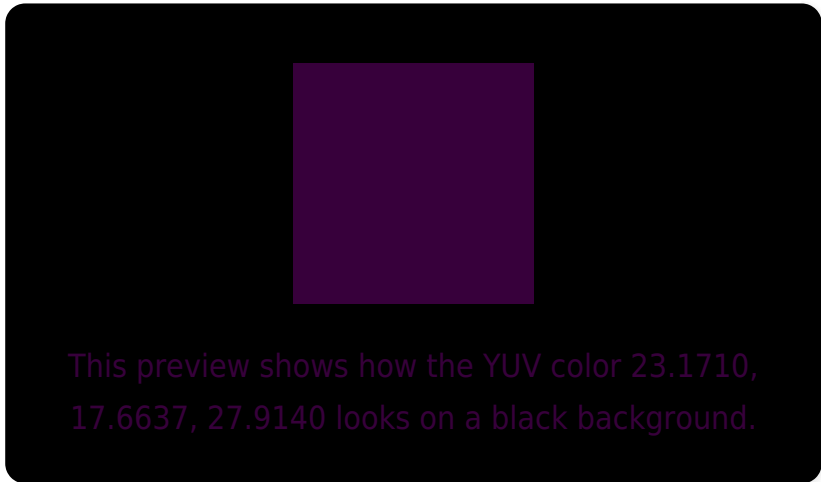
Large Text (above 18pt) WCAG AA ✓ Pass

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

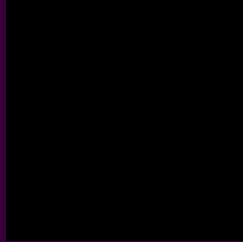
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1710, 17.6637, 27.9140

Background



This preview shows how black text looks on a background with the YUV color 23.1710, 17.6637, 27.9140.



This preview shows how white text looks on a background with the YUV color 23.1710, 17.6637,

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



Protanopia

25.7210, 19.8575, -22.5573

Deuteranopia

29.2400, 12.6997, -13.3655

Tritanopia

31.6000, -3.2538, 17.0138

Trichromacy



Protanomaly

24.9020, 18.7823, -4.2991

Deuteranomaly

26.7950, 14.3981, 1.9338

Tritanomaly

28.5710, 4.1555, 20.5472

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.3740, 6.2246, 10.1960

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1710, 17.6637, 27.9140 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(55, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 59)  
}
```

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(55, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 59) }
```

Border

The CSS property to change the border of an element to YUV 23.1710, 17.6637, 27.9140 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(55, 0, 59) }
```

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

```
.border{ border-color:rgb(55, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 59); box-shadow:4px  
4px 4px 4px rgb(55, 0, 59) }
```


Background

The CSS property to change the background color of an element to YUV 23.1710, 17.6637, 27.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 59) }
```

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

```
.background{ background-color: rgb(55, 0,  
59) }
```

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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