

Converting Colors

YUV(23.3660, 1.7916, 32.1280)

Have a look what the booklet for
YUV(23.3660, 1.7916, 32.1280)
contains.

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Color

**YUV(23.3660, 1.7916,
32.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	3C041B
RGB	60, 4, 27
RGB Percent	24%, 2%, 11%
CMY	0.7647, 0.9843, 0.8941
CMYK	0.00, 0.93, 0.55, 0.76
HSL	335°, 88%, 13%
HSV	335°, 93%, 24%
XYZ	2.1047, 1.1266, 1.1434
YIQ	23.3660, 25.9930, 19.0250

Conversions

Conversions Part 2

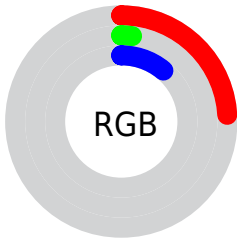
Format	Color
RYB	60, 4, 27
Decimal	3933211
CIELab	10.00, 28.32, 1.04
CIElCh	10, 28.337, 2.100
Yxy	1.1266, 0.4811, 0.2575
Android (android.graphics.Color)	4282123291 (0xFF3C041B)
YUV	23.3660, 1.7916, 32.1280
Hunter-Lab	10.6143, 16.8202, 1.0429

Details

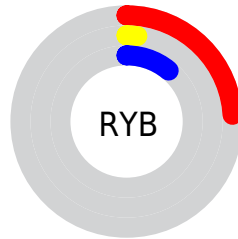
The YUV color **23.3660, 1.7916, 32.1280** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.6340, -1.7916, -32.1280**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.6930, -0.8346, 34.4722**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.7900, 2.0755, 34.3872**, and if you desaturate by 10%, it is **27.3440, 1.8024, 28.6393**.

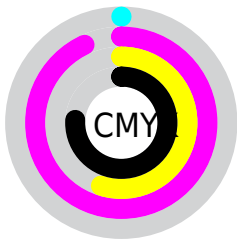
Distribution



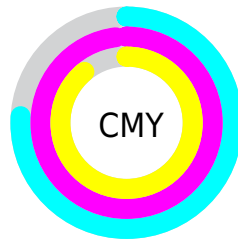
- Red (24%)
- Green (2%)
- Blue (11%)



- Red (24%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (93%)
- Yellow (55%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.3660, 1.7916, 32.1280 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 23.3660, 1.7916, 32.1280 by changing the saturation by 10% instead.

■ 23.3660, 1.7916,
32.1280

■ 23.3660, 1.7916,
32.1280

■ 243.1460, 5.3510,
10.3960

■ 12.3730, -5.6069,
25.1059

■ 71.6930, -0.8346,
34.4722

■ 0.0000, 0.0000,
0.0000

■ 96.2910, -1.1295,
35.7018

■ 121.4870, -1.7191,
38.1609

■ 147.7860, -1.8665,
38.7757

■ 174.6830, -2.3087,
40.6200

■ 202.2810, -2.6035,

41.8496


 223.4040, 0.7868,
27.7097


 23.3660, 1.7916,
32.1280

 23.3660, 1.7916,
32.1280

 20.7900, 2.0755,
34.3872

 27.3440, 1.8024,
28.6393

 31.2080, 1.3765,
25.2506

 35.1860, 1.3873,
21.7619

 39.0500, 0.9614,
18.3732

 43.0280, 0.9722,
14.8844

■ 46.8920, 0.5462,
11.4957

■ 50.8700, 0.5571,
8.0070

■ 54.7340, 0.1311,
4.6183

■ 58.7120, 0.1420,
1.1296

Harmonies

Analogous

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



26.9500, 9.3917, 21.0919



23.3660, 1.7916, 32.1280



23.0380, -10.8647, 31.5387

Triad

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



23.3660, 1.7916, 32.1280



23.2690, -11.4716, -7.2519



26.9120, 16.8054, -23.6018

Complementary

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



23.3660, 1.7916, 32.1280



40.6340, -1.7916, -32.1280

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.



26.4900, 10.1114, -23.2317



23.3660, 1.7916, 32.1280



20.8870, -8.8183, -18.3179

Square

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



23.3660, 1.7916, 32.1280



26.3140, -12.9728, 7.6176



24.9110, 1.5229, -21.8469



25.1340, 20.1469, -22.0425

Rectangle

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



23.3660, 1.7916, 32.1280



25.2390, -12.4428, 24.3464



24.9110, 1.5229, -21.8469



27.1570, 15.2056, -23.8167

Sweetspot

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



23.3660, 1.7916, 32.1280



64.6040, 0.6882, 12.6253



20.2510, 19.5963, 14.6889



31.8700, 0.5571, 8.0070



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



23.3660, 1.7916, 32.1280



27.2690, 2.3324, 45.3681



23.6790, -9.7017, 31.8535



29.0110, -0.0054, 1.7444



32.5520, 3.1789, 53.8899



76.7520, 7.0243, 127.3825

Inverse Universe

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



23.3660, 1.7916, 32.1280



27.2690, 2.3324, 45.3681



40.3210, 9.7017, -31.8535



29.0110, -0.0054, 1.7444



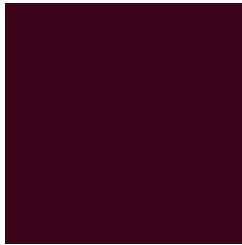
32.5520, 3.1789, 53.8899



76.7520, 7.0243, 127.3825

Previews

White Background



This preview shows how the YUV color 23.3660, 1.7916, 32.1280 looks on a white background.

Color Contrast Check

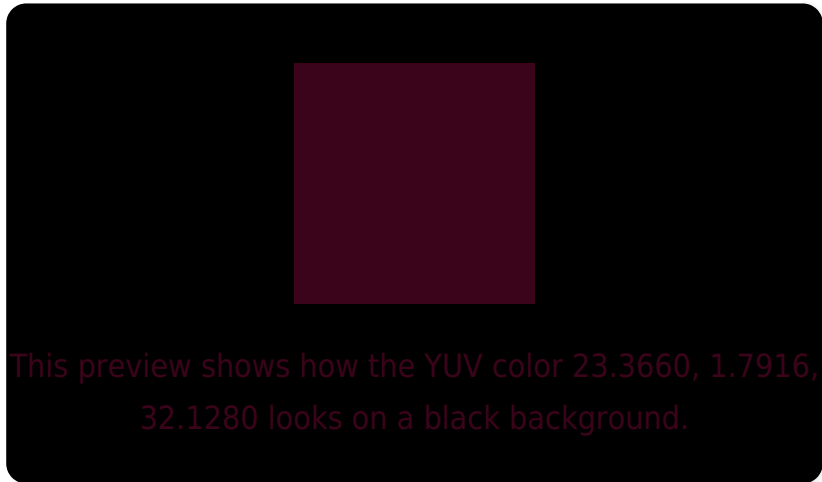
Large Text (above 18pt) WCAG AA ✓ Pass

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

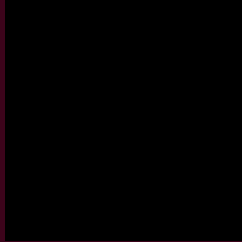
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.3660, 1.7916, 32.1280

Background



This preview shows how black text looks on a background with the YUV color 23.3660, 1.7916, 32.1280.



This preview shows how white text looks on a background with the YUV color 23.3660, 1.7916,

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

23.3660, 1.7916, 32.1280

Protanopia

31.3140, 3.7892, -2.0294

Deuteranopia

31.2240, -3.0684, 4.1886



Tritanopia

25.3520, -7.0755, 29.5093

Trichromacy



Original Color

23.3660, 1.7916, 32.1280

Protanomaly

28.2770, 3.3144, 10.2811

Deuteranomaly

28.7460, -1.3538, 14.2548

Tritanomaly

24.2750, -3.5866, 30.4538

Monochromacy



Original Color

23.3660, 1.7916, 32.1280

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.3660, 1.7916, 32.1280 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(60, 4, 27)` looks like.

```
.text, #text, p{  
    color:rgb(60, 4, 27)  
}
```

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(60, 4, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 4, 27) }
```

Border

The CSS property to change the border of an element to YUV 23.3660, 1.7916, 32.1280 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(60, 4, 27) }
```


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

```
.border{ border-color:rgb(60, 4, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 4, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 4, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 4, 27); box-shadow:4px  
4px 4px 4px rgb(60, 4, 27) }
```

Background

The CSS property to change the background color of an element to YUV 23.3660, 1.7916, 32.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 4, 27) }
```

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

```
.background{ background-color: rgb(60, 4,  
27) }
```

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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