

Converting Colors

YUV(23.3760, 20.0276, 16.3332)

Have a look what the booklet for
YUV(23.3760, 20.0276, 16.3332)
contains.

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Color

**YUV(23.3760, 20.0276,
16.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0640
RGB	42, 6, 64
RGB Percent	16%, 2%, 25%
CMY	0.8353, 0.9765, 0.7490
CMYK	0.34, 0.91, 0.00, 0.75
HSL	277°, 83%, 14%
HSV	277°, 91%, 25%
XYZ	1.9454, 0.9927, 4.9396
YIQ	23.3760, 2.8380, 25.6700

Conversions

Conversions Part 2

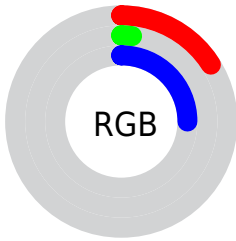
Format	Color
RYB	42, 6, 64
Decimal	2754112
CIELab	8.93, 29.31, -28.35
CIELCh	9, 40.778, 315.960
Yxy	0.9927, 0.2470, 0.1260
Android (android.graphics.Color)	4280944192 (0xFF2A0640)
YUV	23.3760, 20.0276, 16.3332
Hunter-Lab	9.9632, 17.4177, -22.4205

Details

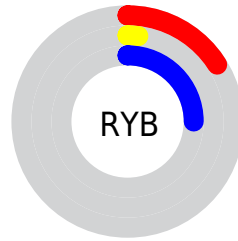
The YUV color **23.3760, 20.0276, 16.3332** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.6240, -20.0276, -16.3332**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.5010, 20.4590, 17.9776**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **19.2560, 22.0588, 18.1925**, and if you desaturate by 10%, it is **27.4960, 17.9965, 14.4740**.

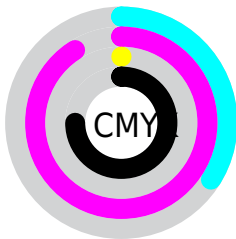
Distribution



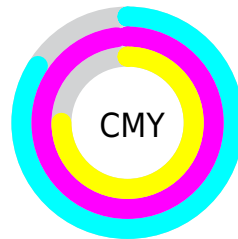
- Red (16%)
- Green (2%)
- Blue (25%)



- Red (16%)
- Yellow (2%)
- Blue (25%)



- Cyan (34%)
- Magenta (91%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.3760, 20.0276, 16.3332 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 23.3760, 20.0276, 16.3332 by changing the saturation by 10% instead.

■ 23.3760, 20.0276,
16.3332

■ 23.3760, 20.0276,
16.3332

■ 242.6730, 6.0772,
10.8108

■ 11.6650, 14.9552,
9.9408

■ 70.5010, 20.4590,
17.9776

■ 2.8670, 8.4466,
-2.5144

■ 94.4410, 21.4746,
18.9072

■ 0.0000, 0.0000,
0.0000

■ 119.9680, 22.2008,
19.3221


■ 145.7940, 22.7796,
20.3517


■ 172.6200, 23.3583,
21.3813


■ 200.0330, 23.6477,


21.8961


 225.9380, 14.3276,
24.6104


 23.3760, 20.0276,
16.3332


 23.3760, 20.0276,
16.3332

 19.2560, 22.0588,
18.1925

 27.4960, 17.9965,
14.4740

 32.5020, 15.5285,
12.7147

 36.6220, 13.4974,
10.8555

 41.6280, 11.0294,
9.0962

 45.7480, 8.9982,
7.2370

■ 50.1670, 6.8197,
5.9925

■ 54.8740, 4.4991,
3.6185

■ 58.9940, 2.4680,
1.7593

■ 64.0000, 0.0000,
0.0000

Harmonies

Analogous

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



23.6810, 27.2723, -20.7682



23.3760, 20.0276, 16.3332



23.8810, 7.4537, 36.0614

Triad

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



23.3760, 20.0276, 16.3332



24.0100, -11.8369, 16.6542



26.8660, 6.4751, -23.5615

Complementary

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



23.3760, 20.0276, 16.3332



46.6240, -20.0276, -16.3332

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.



22.5170, -7.6499, -19.7474



23.3760, 20.0276, 16.3332



22.7040, -11.1931, -3.2484

Square

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



23.3760, 20.0276, 16.3332



18.8260, -9.2812, 36.9866



20.5450, -10.1287, -18.0180



29.1290, 17.6844, -25.5461

Rectangle

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



23.3760, 20.0276, 16.3332



23.3240, -1.1457, 40.9349



20.5450, -10.1287, -18.0180



25.7260, 2.1071, -22.5617

Sweetspot

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



23.3760, 20.0276, 16.3332



68.1070, 7.8352, 6.9222



25.5260, 18.9677, -17.1243



33.2870, 4.7885, 4.1333



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



23.3760, 20.0276, 16.3332



25.1240, 29.0259, 23.5703



29.1560, 13.7271, 30.5582



30.9400, 1.0156, 0.9296



28.9980, 33.5250, 27.1888



67.0970, 77.3532, 63.0589

Inverse Universe

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



25.8500, 1.0600, 33.4576



28.7640, 1.5953, 48.4420



40.8440, -13.7271, -30.5582



31.0110, -0.0054, 1.7444



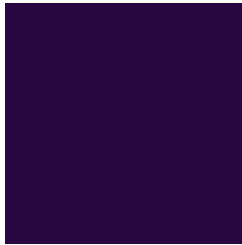
33.2210, 1.8630, 55.9342



76.6660, 4.1087, 129.2119

Previews

White Background



This preview shows how the YUV color 23.3760, 20.0276, 16.3332 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 23.3760, 20.0276, 16.3332

Background



This preview shows how black text looks on a background with the YUV color 23.3760, 20.0276, 16.3332.



This preview shows how white text looks on a background with the YUV color 23.3760, 20.0276,

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

23.3760, 20.0276, 16.3332

Protanopia

22.3470, 17.0839, -19.5983

Deuteranopia

22.6090, 13.0108, -19.8281



Tritanopia

28.2180, -0.6005, 5.9478

Trichromacy



Original Color

23.3760, 20.0276, 16.3332

Protanomaly

22.4780, 18.4983, -6.5582

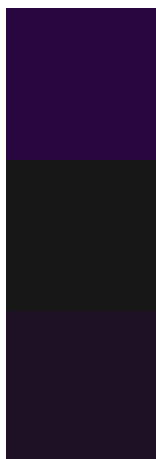
Deuteranomaly

22.9680, 15.2988, -6.9879

Tritanomaly

26.4880, 6.6614, 10.0960

Monochromacy



Original Color

23.3760, 20.0276, 16.3332

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.3760, 20.0276, 16.3332 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(42, 6, 64)` looks like.

```
.text, #text, p{  
    color:rgb(42, 6, 64)  
}
```

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(42, 6, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 6, 64) }
```

Border

The CSS property to change the border of an element to YUV 23.3760, 20.0276, 16.3332 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(42, 6, 64) }
```


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

```
.border{ border-color:rgb(42, 6, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 6, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 6, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 6, 64); box-shadow:4px  
4px 4px 4px rgb(42, 6, 64) }
```

Background

The CSS property to change the background color of an element to YUV 23.3760, 20.0276, 16.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 6, 64) }
```

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

```
.background{ background-color: rgb(42, 6,  
64) }
```

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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