

Converting Colors

YUV(61.7590, 39.0658,
-23.4676)

Have a look what the booklet for
YUV(61.7590, 39.0658, -23.4676)
contains.

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Color

**YUV(61.7590, 39.0658,
-23.4676)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 233C8D |
| RGB | 35, 60, 141 |
| RGB Percent | 14%, 24%, 55% |
| CMY | 0.8627, 0.7647, 0.4471 |
| CMYK | 0.75, 0.57, 0.00, 0.45 |
| HSL | 226°, 60%, 35% |
| HSV | 226°, 75%, 55% |
| XYZ | 7.1167, 5.5121, 25.8882 |
| YIQ | 61.7590, -40.9010, 19.8910 |

Conversions

Conversions Part 2

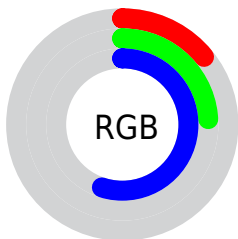
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 35, 55, 141 |
| Decimal | 2309261 |
| CIE _{Lab} | 28.15, 20.45, -47.79 |
| CIE _{LCh} | 28, 51.980, 293.173 |
| Yxy | 5.5121, 0.1848, 0.1431 |
| Android (android.graphics.Color) | 4280499341 (0xFF233C8D) |
| YUV | 61.7590, 39.0658, -23.4676 |
| Hunter-Lab | 23.4779, 13.0212, -48.9421 |

Details

The YUV color **61.7590, 39.0658, -23.4676** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **114.2410, -39.0658, 23.4676**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4440, 40.2071, -16.1754**, and **21.4130, 33.8134, -18.7792** is the 20% darker color. If you saturate the color by 10%, you get **51.1160, 44.3128, -26.4117**, and if you desaturate by 10%, it is **72.4020, 33.8188, -20.5236**.

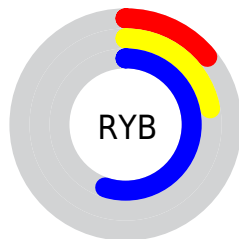
Distribution



Red (14%)

Green (24%)

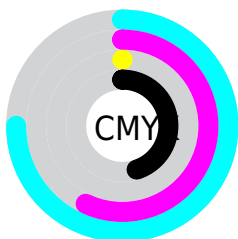
Blue (55%)



Red (14%)

Yellow (22%)

Blue (55%)

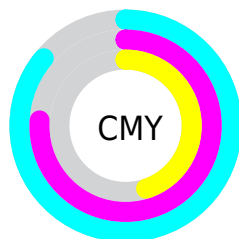


Cyan (75%)

Magenta (57%)

Yellow (0%)

Black (45%)



Cyan (86%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7590, 39.0658, -23.4676 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 61.7590, 39.0658, -23.4676 by changing the saturation by 10% instead.

■ 61.7590, 39.0658,
-23.4676

■ 61.7590, 39.0658,
-23.4676

■ 255.0000, 0.0000,
0.0000

■ 36.0030, 38.9455,
-31.5746

■ 113.4440, 40.2071,
-16.1754

■ 21.4130, 33.8134,
-18.7792

■ 140.0960, 41.3647,
-14.1162

■ 7.5240, 28.8287,
-6.5985

■ 167.0360, 42.3803,
-13.1866

■ 6.6630, 17.9141,
-5.8435

■ 191.4850, 31.3129,
-10.0723

■ 2.9810, 8.8834,
-2.6143

■ 216.5920, 18.9351,
-6.6582

■ 0.0000, 0.0000,
0.0000

■ 241.6990, 6.5574,

-3.2440

■ 61.7590, 39.0658,
-23.4676

■ 61.7590, 39.0658,
-23.4676

■ 51.1160, 44.3128,
-26.4117

■ 72.4020, 33.8188,
-20.5236

■ 40.4730, 49.5598,
-29.3558

■ 83.0450, 28.5718,
-17.5795

■ 35.4450, 52.0386,
-31.0853

■ 93.1010, 23.6142,
-14.1206

■ 103.7440, 18.3672,
-11.1765

■ 114.6860, 12.9728,
-7.6176

■ 125.3290, 7.7258,
-4.6735

■ 135.3850, 2.7682,
-1.2146

■ 146.0280, -2.4788,
1.7294

■ 156.6710, -7.7258,
4.6735

Harmonies

Analogous

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



60.1960, 42.7944, -52.7919



61.7590, 39.0658, -23.4676



65.9250, 24.1940, 33.3918

Triad

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



61.7590, 39.0658, -23.4676



59.9360, -29.5484, 50.9221



55.1050, 0.4412, -48.3271

Complementary

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



61.7590, 39.0658, -23.4676



114.2410, -39.0658, 23.4676

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.



48.2140, -18.3465, -42.2837



61.7590, 39.0658, -23.4676



63.3040, -31.2089, 23.4124

Square

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



61.7590, 39.0658, -23.4676



52.9040, -7.3477, 70.2442



58.6980, -28.9381, -4.9971



59.7790, 18.3500, -52.4262

Rectangle

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



61.7590, 39.0658, -23.4676



57.7280, 16.4031, 58.9975



58.6980, -28.9381, -4.9971



52.9220, -5.3845, -46.4126

Sweetspot

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



61.7590, 39.0658, -23.4676



151.7720, 15.8884, -9.4470



106.3420, 4.2684, -62.5669



72.4860, 9.6204, -5.6882



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



61.7590, 39.0658, -23.4676



59.8170, 61.2222, -36.6735



55.1570, 42.3206, 6.0013



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



69.5440, -4.7052, 62.6669



72.0800, -7.4344, 98.1538



121.1420, -42.4680, -5.3865



66.3210, -0.1583, 4.1035



44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 61.7590, 39.0658, -23.4676 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



This preview shows how the YUV color 61.7590, 39.0658, -23.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

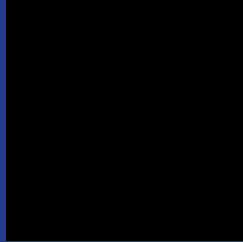
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7590, 39.0658, -23.4676

Background



This preview shows how black text looks on a background with the YUV color 61.7590, 39.0658, -23.4676.



This preview shows how white text looks on a background with the YUV color 61.7590, 39.0658, -23.4676.

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

61.7590, 39.0658, -23.4676

Protanopia

53.0720, 40.8835, -46.5441

Deuteranopia

53.2540, 31.4268, -46.7038



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

61.7590, 39.0658, -23.4676

Protanomaly

56.6000, 40.1302, -38.2372

Deuteranomaly

56.4060, 34.3098, -38.0671

Tritanomaly

56.0180, 22.6691, -37.7268

Monochromacy



Original Color

61.7590, 39.0658, -23.4676

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7290, 14.4306, -8.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7590, 39.0658, -23.4676 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(35, 60, 141)` looks like.

```
.text, #text, p{  
    color:rgb(35, 60, 141)  
}
```

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(35, 60, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 60, 141) }
```

Border

The CSS property to change the border of an element to YUV 61.7590, 39.0658, -23.4676 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(35, 60, 141) }
```


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

```
.border{ border-color:rgb(35, 60, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 60, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 60, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 60, 141);  
box-shadow:4px 4px 4px 4px rgb(35, 60,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 61.7590, 39.0658, -23.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 60, 141) }
```

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

```
.background{ background-color: rgb(35, 60,  
141) }
```

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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