

Converting Colors

YUV(76.1860, 28.0093,
-23.8421)

Have a look what the booklet for
YUV(76.1860, 28.0093, -23.8421)
contains.

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Color

**YUV(76.1860, 28.0093,
-23.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	314F85
RGB	49, 79, 133
RGB Percent	19%, 31%, 52%
CMY	0.8078, 0.6902, 0.4784
CMYK	0.63, 0.41, 0.00, 0.48
HSL	219°, 46%, 36%
HSV	219°, 63%, 52%
XYZ	8.2962, 7.9384, 23.2853
YIQ	76.1860, -35.2140, 10.4340

Conversions

Conversions Part 2

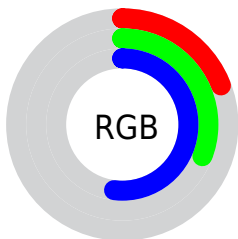
Format	Color
R_{YB}	49, 71, 133
Decimal	3231621
CIE Lab	33.85, 6.91, -33.65
CIE LCh	34, 34.347, 281.599
Yxy	7.9384, 0.2099, 0.2009
Android (android.graphics.Color)	4281421701 (0xFF314F85)
YUV	76.1860, 28.0093, -23.8421
Hunter-Lab	28.1751, 3.2533, -29.2775

Details

The YUV color **76.1860, 28.0093, -23.8421** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **105.8140, -28.0093, 23.8421**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2510, 29.4563, -21.2681**, and **30.0070, 26.1255, -26.3161** is the 20% darker color. If you saturate the color by 10%, you get **67.0160, 32.5301, -27.2010**, and if you desaturate by 10%, it is **85.3560, 23.4885, -20.4832**.

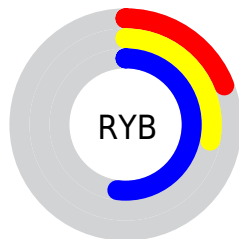
Distribution



Red (19%)

Green (31%)

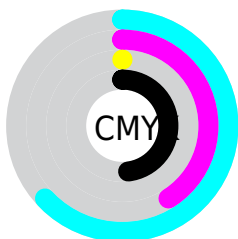
Blue (52%)



Red (19%)

Yellow (28%)

Blue (52%)

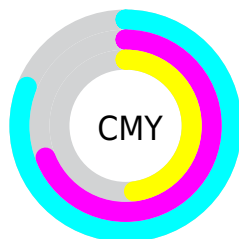


Cyan (63%)

Magenta (41%)

Yellow (0%)

Black (48%)



Cyan (81%)

Magenta (69%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1860, 28.0093, -23.8421 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 76.1860, 28.0093, -23.8421 by changing the saturation by 10% instead.

■ 76.1860, 28.0093,
-23.8421

■ 76.1860, 28.0093,
-23.8421

■ 255.0000, 0.0000,
0.0000

■ 50.1530, 28.0256,
-29.0752

■ 127.2510, 29.4563,
-21.2681

■ 30.0070, 26.1255,
-26.3161

■ 153.6640, 29.7456,
-20.7533

■ 14.9440, 21.7196,
-13.1059

■ 180.6040, 30.7612,
-19.8237

■ 5.3920, 15.5827,
-4.7288

■ 206.7800, 23.7725,
-18.2241

■ 2.1830, 5.8258,
-1.9145

■ 231.5880, 11.5421,
-15.4247

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,

-7.3773

■ 76.1860, 28.0093,
-23.8421

■ 76.1860, 28.0093,
-23.8421

■ 67.0160, 32.5301,
-27.2010

■ 85.3560, 23.4885,
-20.4832

■ 58.1340, 36.9089,
-31.6895

■ 94.2380, 19.1097,
-15.9947

■ 48.9640, 41.4297,
-35.0484

■ 103.4080, 14.5889,
-12.6358

■ 43.3380, 44.2034,
-38.0074

■ 111.9910, 10.3574,
-8.7621

■ 121.4600, 5.6892,
-4.7884

■ 130.0430, 1.4578,
-0.9147

■ 139.2130, -3.0630,
2.4442

■ 147.7960, -7.2944,
6.3179

■ 157.2650,
-11.9626, 10.2916

Harmonies

Analogous

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



66.0030, 32.0435, -57.8846



76.1860, 28.0093, -23.8421



82.1150, 19.1703, 11.3001

Triad

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



76.1860, 28.0093, -23.8421



78.8990, -16.7122, 40.4306



60.9580, 0.0207, -53.4602

Complementary

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



76.1860, 28.0093, -23.8421



105.8140, -28.0093, 23.8421

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.



72.3190, -17.4123, -15.1888



76.1860, 28.0093, -23.8421



77.5200, -25.3994, 26.7310

Square

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



76.1860, 28.0093, -23.8421



79.1350, -4.5036, 44.6086



76.0570, -26.6501, 7.8430



64.8510, 12.3985, -56.8743

Rectangle

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



76.1860, 28.0093, -23.8421



81.9770, 11.8433, 28.0842



76.0570, -26.6501, 7.8430



67.2330, -7.0169, -36.1613

Sweetspot

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



76.1860, 28.0093, -23.8421



150.8060, 10.9416, -9.4769



104.3500, -1.1585, -48.5419



73.3890, 6.7102, -5.6032



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



76.1860, 28.0093, -23.8421



84.5230, 43.6192, -37.2927



61.8650, 35.0696, -1.6356



61.8580, 2.0420, -1.6295



41.8220, 43.4718, -36.6779



0.9290, 1.0210, -0.8147

Inverse Universe

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



77.5360, 0.7218, 48.6419



86.5270, 1.2192, 75.8368



120.1350, -35.0696, 1.6356



62.0220, -0.0108, 3.4887



44.1140, 0.9298, 75.3220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 76.1860, 28.0093, -23.8421 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 76.1860, 28.0093, -23.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

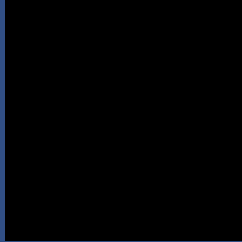
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1860, 28.0093, -23.8421

Background



This preview shows how black text looks on a background with the YUV color 76.1860, 28.0093, -23.8421.



This preview shows how white text looks on a background with the YUV color 76.1860, 28.0093,

-23.8421.

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

76.1860, 28.0093, -23.8421

Protanopia

77.8770, 26.6826, -18.3091

Deuteranopia

74.9790, 28.6044, -28.0456



Tritanopia

70.1570, 11.7546, -36.9717

Trichromacy



Original Color

76.1860, 28.0093, -23.8421

Protanomaly

76.9800, 27.1249, -20.1535

Deuteranomaly

75.5770, 28.3095, -26.8160

Tritanomaly

72.3840, 17.5587, -31.9088

Monochromacy



Original Color

76.1860, 28.0093, -23.8421

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9910, 10.3574, -8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1860, 28.0093, -23.8421 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(49, 79, 133)` looks like.

```
.text, #text, p{  
    color:rgb(49, 79, 133)  
}
```

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(49, 79, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 79, 133) }
```

Border

The CSS property to change the border of an element to YUV 76.1860, 28.0093, -23.8421 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(49, 79, 133) }
```


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

```
.border{ border-color:rgb(49, 79, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 79, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 79, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 79, 133);  
box-shadow:4px 4px 4px 4px rgb(49, 79,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 76.1860, 28.0093, -23.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 79, 133) }
```

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

```
.background{ background-color: rgb(49, 79,  
133) }
```

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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