

Converting Colors

YUV(77.3460, 38.7764,
-23.9824)

Have a look what the booklet for
YUV(77.3460, 38.7764, -23.9824)
contains.

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Color

**YUV(77.3460, 38.7764,
-23.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	324C9C
RGB	50, 76, 156
RGB Percent	20%, 30%, 61%
CMY	0.8039, 0.7020, 0.3882
CMYK	0.68, 0.51, 0.00, 0.39
HSL	225°, 51%, 40%
HSV	225°, 68%, 61%
XYZ	9.9006, 8.2473, 32.5226
YIQ	77.3460, -41.1760, 19.3680

Conversions

Conversions Part 2

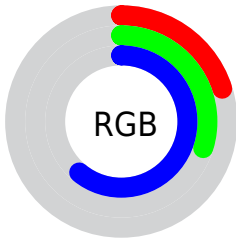
Format	Color
RYB	50, 71, 156
Decimal	3296412
CIELab	34.49, 17.62, -46.64
CIElCh	34, 49.852, 290.695
Yxy	8.2473, 0.1954, 0.1628
Android (android.graphics.Color)	4281486492 (0xFF324C9C)
YUV	77.3460, 38.7764, -23.9824
Hunter-Lab	28.7181, 11.2813, -47.0418




Details

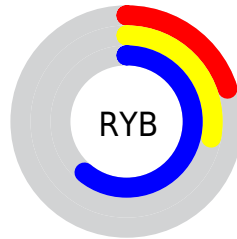
The YUV color **77.3460, 38.7764, -23.9824** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **128.6540, -38.7764, 23.9824**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **129.1340, 40.3599, -18.5345**, and **31.2270, 35.8771, -27.3861** is the 20% darker color. If you saturate the color by 10%, you get **65.5180, 44.6076, -27.6413**, and if you desaturate by 10%, it is **89.1740, 32.9452, -20.3236**.

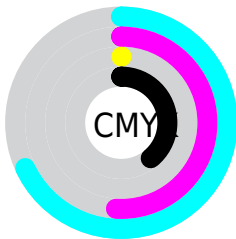
Distribution







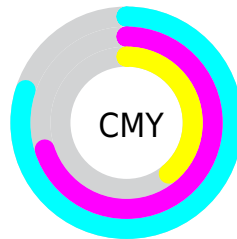
-  Red (20%)
-  Green (30%)
-  Blue (61%)






-  Red (20%)
-  Yellow (28%)
-  Blue (61%)



-  Cyan (68%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (80%)
-  Magenta (70%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3460, 38.7764, -23.9824 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 77.3460, 38.7764, -23.9824 by changing the saturation by 10% instead.

■ 77.3460, 38.7764,
-23.9824

■ 77.3460, 38.7764,
-23.9824

■ 255.0000, 0.0000,
0.0000

■ 48.6110, 40.1248,
-36.4928

■ 129.1340, 40.3599,
-18.5345

■ 31.2270, 35.8771,
-27.3861

■ 156.0740, 41.3755,
-17.6049

■ 16.0500, 31.0343,
-14.0759

■ 182.3040, 35.8391,
-15.1756

■ 9.3190, 23.0137,
-8.1728

■ 206.5250, 23.8982,
-11.8614

■ 4.9360, 13.8356,
-4.3289

■ 231.9310, 11.3730,
-7.8325

■ 0.6840, 2.6208,
-0.5999

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 77.3460, 38.7764,
-23.9824

■ 77.3460, 38.7764,
-23.9824

■ 65.5180, 44.6076,
-27.6413

■ 89.1740, 32.9452,
-20.3236

■ 53.9890, 50.2914,
-30.6854

■ 100.7030, 27.2614,
-17.2795

■ 42.7480, 55.8332,
-34.8590

■ 111.9440, 21.7196,
-13.1059

■ 40.0900, 57.1436,
-35.1589

■ 123.4730, 16.0358,
-10.0618

■ 135.3010, 10.2046,
-6.4030

■ 147.1290, 4.3734,
-2.7441

■ 158.0710, -1.0210,
0.8147

■ 169.8990, -6.8522,
4.4736

■ 181.4280,
-12.5360, 7.5176

Harmonies

Analogous

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



71.0700, 43.8425, -62.3284



77.3460, 38.7764, -23.9824



82.6040, 24.3522, 29.2883

Triad

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



77.3460, 38.7764, -23.9824



76.1750, -28.6803, 52.4665



65.1640, 0.9051, -57.1488

Complementary

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



77.3460, 38.7764, -23.9824



128.6540, -38.7764, 23.9824

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.



61.7190, -17.6095, -45.3576



77.3460, 38.7764, -23.9824



76.6160, -37.7717, 28.4008

Square

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



77.3460, 38.7764, -23.9824



74.1270, -8.9366, 66.5406



72.8960, -35.9377, 0.0912



70.4250, 18.5245, -61.7627

Rectangle

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



77.3460, 38.7764, -23.9824



78.8150, 14.3882, 51.9052



72.8960, -35.9377, 0.0912



62.9810, -4.9206, -55.2343

Sweetspot

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



77.3460, 38.7764, -23.9824



173.5440, 15.0148, -9.2471



121.3420, 4.2684, -62.5669



84.2580, 8.7468, -5.4883



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



77.3460, 38.7764, -23.9824



80.1050, 61.0802, -37.8031



70.1570, 42.3206, 6.0013



73.0860, 2.9156, -1.8294



36.8470, 52.3334, -32.3148



4.0580, 5.3944, -3.5589

Inverse Universe

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



84.6580, -4.2684, 62.5669



91.6070, -6.7083, 98.5687



136.1420, -42.4680, -5.3865



73.6200, -0.3057, 4.7183



46.7470, -5.7913, 84.4139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 77.3460, 38.7764, -23.9824 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 77.3460, 38.7764, -23.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

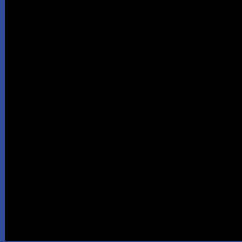
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3460, 38.7764, -23.9824

Background



This preview shows how black text looks on a background with the YUV color 77.3460, 38.7764, -23.9824.



This preview shows how white text looks on a background with the YUV color 77.3460, 38.7764,

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

77.3460, 38.7764, -23.9824

Protanopia

73.3660, 41.7246, -36.2780

Deuteranopia

65.1370, 38.8795, -57.1251



Tritanopia

63.8880, 16.3242, -56.0298

Trichromacy



Original Color

77.3460, 38.7764, -23.9824

Protanomaly

74.7580, 40.5453, -31.3598

Deuteranomaly

69.2140, 38.8415, -44.9147

Tritanomaly

68.7290, 24.2906, -44.4893

Monochromacy



Original Color

77.3460, 38.7764, -23.9824

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3160, 14.1412, -9.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3460, 38.7764, -23.9824 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(50, 76, 156)` looks like.

```
.text, #text, p{  
    color:rgb(50, 76, 156)  
}
```

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(50, 76, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 76, 156) }
```

Border

The CSS property to change the border of an element to YUV 77.3460, 38.7764, -23.9824 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(50, 76, 156) }
```


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

```
.border{ border-color:rgb(50, 76, 156) }
```

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

Here you see how a box with a 4 pixel rgb(50, 76, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 76, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 76, 156);  
box-shadow:4px 4px 4px 4px rgb(50, 76,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 77.3460, 38.7764, -23.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 76, 156) }
```

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

```
.background{ background-color: rgb(50, 76,  
156) }
```

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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