

Converting Colors

YUV(77.6590, 23.8321,
-37.4119)

Have a look what the booklet for
YUV(77.6590, 23.8321, -37.4119)
contains.

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Color

**YUV(77.6590, 23.8321,
-37.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	235A7E
RGB	35, 90, 126
RGB Percent	14%, 35%, 49%
CMY	0.8627, 0.6471, 0.5059
CMYK	0.72, 0.29, 0.00, 0.51
HSL	204°, 57%, 32%
HSV	204°, 72%, 49%
XYZ	8.1152, 9.1760, 21.0821
YIQ	77.6590, -44.3360, -0.4640

Conversions

Conversions Part 2

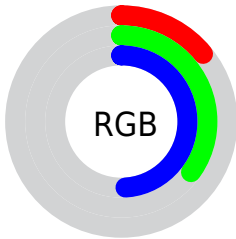
Format	Color
R_{YB}	35, 69, 126
Decimal	2316926
CIE _{Lab}	36.32, -5.35, -25.50
CIE _{LCh}	36, 26.051, 258.144
Yxy	9.1760, 0.2115, 0.2391
Android (android.graphics.Color)	4280507006 (0xFF235A7E)
YUV	77.6590, 23.8321, -37.4119
Hunter-Lab	30.2919, -5.1908, -20.0594




Details

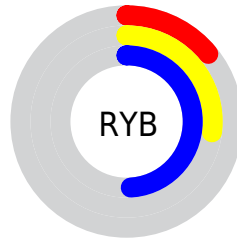
The YUV color **77.6590, 23.8321, -37.4119** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **83.3410, -23.8321, 37.4119**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.0940, 24.1107, -33.4084**, and **35.1930, 20.6109, -30.8643** is the 20% darker color. If you saturate the color by 10%, you get **70.8370, 27.1954, -42.8300**, and if you desaturate by 10%, it is **84.4810, 20.4689, -31.9938**.

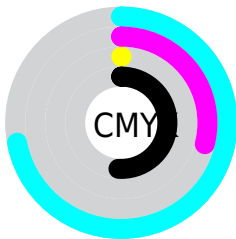
Distribution







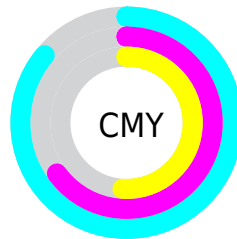
-  Red (14%)
-  Green (35%)
-  Blue (49%)






-  Red (14%)
-  Yellow (27%)
-  Blue (49%)



-  Cyan (72%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (86%)
-  Magenta (65%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6590, 23.8321, -37.4119 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 77.6590, 23.8321, -37.4119 by changing the saturation by 10% instead.

■ 77.6590, 23.8321,
-37.4119

■ 77.6590, 23.8321,
-37.4119

■ 255.0000, 0.0000,
0.0000

■ 50.8430, 24.7274,
-44.5893

■ 130.0940, 24.1107,
-33.4084

■ 35.1930, 20.6109,
-30.8643

■ 156.5070, 24.4000,
-32.8936

■ 20.8310, 16.3523,
-18.2688

■ 183.7350, 25.2736,
-33.0936

■ 4.8220, 13.3988,
-4.2289

■ 210.8230, 21.7793,
-32.2938

■ 0.5700, 2.1840,
-0.4999

■ 236.5170, 9.1121,
-29.3944

■ 0.0000, 0.0000,
0.0000

■ 248.1230, 3.3904,

-14.1399

■ 77.6590, 23.8321,
-37.4119

■ 77.6590, 23.8321,
-37.4119

■ 70.8370, 27.1954,
-42.8300

■ 84.4810, 20.4689,
-31.9938

■ 64.3140, 30.4112,
-47.6334

■ 91.0040, 17.2530,
-27.1905

■ 58.9760, 33.0428,
-51.7220

■ 97.8260, 13.8898,
-21.7724

■ 104.3490, 10.6739,
-16.9691

■ 111.1710, 7.3107,
-11.5510

■ 117.9930, 3.9475,
-6.1329

■ 124.5160, 0.7316,
-1.3295

■ 131.3380, -2.6316,
4.0886

■ 137.8610, -5.8475,
8.8919

Harmonies

Analogous

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



68.4020, 23.4658, -59.9886



77.6590, 23.8321, -37.4119



85.3960, 19.5248, -9.1173

Triad

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



77.6590, 23.8321, -37.4119



86.4990, -6.6550, 34.6424



79.6270, -11.1551, -15.4589

Complementary

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



77.6590, 23.8321, -37.4119



83.3410, -23.8321, 37.4119

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.



82.5000, -18.4875, 3.0695



77.6590, 23.8321, -37.4119



85.5880, -15.0799, 30.1793

Square

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



77.6590, 23.8321, -37.4119



87.8000, 3.5496, 28.2394



84.2570, -19.8467, 19.0686



74.5840, 0.6981, -37.3462

Rectangle

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



77.6590, 23.8321, -37.4119



87.6430, 14.9660, 6.4521



84.2570, -19.8467, 19.0686



81.1610, -14.3764, -8.9112

Sweetspot

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



77.6590, 23.8321, -37.4119



144.0180, 9.3581, -14.9248



92.4070, -11.0467, -50.3459



70.1390, 5.8475, -8.8919



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



77.6590, 23.8321, -37.4119



87.6700, 37.1377, -58.4696



51.8310, 36.5653, -14.7608



60.1460, 1.9000, -2.7590



59.7910, 33.6270, -52.4367



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.4790, 10.6099, 50.4459



73.2620, 16.6328, 78.7002



109.1690, -36.5653, 14.7608



59.5490, 0.7153, 3.9035



47.0500, 14.7654, 70.9931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.6590, 23.8321, -37.4119 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 77.6590, 23.8321, -37.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

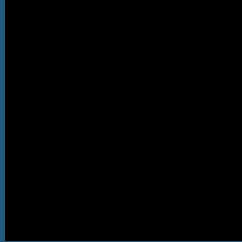
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.6590, 23.8321, -37.4119

Background



This preview shows how black text looks on a background with the YUV color 77.6590, 23.8321, -37.4119.



This preview shows how white text looks on a background with the YUV color 77.6590, 23.8321,

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

77.6590, 23.8321, -37.4119

Protanopia

84.9290, 17.7830, -10.4617

Deuteranopia

84.1070, 21.1462, -15.8798



Tritanopia

70.9810, 15.2924, -51.7263

Trichromacy



Original Color

77.6590, 23.8321, -37.4119

Protanomaly

82.1450, 20.1415, -20.2982

Deuteranomaly

81.9920, 22.1889, -23.6720

Tritanomaly

73.2250, 18.6231, -46.6783

Monochromacy



Original Color

77.6590, 23.8321, -37.4119

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.5020, 8.6265, -13.5953

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6590, 23.8321, -37.4119 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, 90, 126)` looks like.

```
.text, #text, p{  
    color:rgb(35, 90, 126)  
}
```

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, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 90, 126) }
```

Border

The CSS property to change the border of an element to YUV 77.6590, 23.8321, -37.4119 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, 90, 126) }
```


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

```
.border{ border-color:rgb(35, 90, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 90, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(35, 90,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 77.6590, 23.8321, -37.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 90, 126) }
```

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

```
.background{ background-color: rgb(35, 90,  
126) }
```

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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