

Converting Colors

YUV(77.9250, 23.7010,
-42.0302)

Have a look what the booklet for
YUV(77.9250, 23.7010, -42.0302)
contains.

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Color

**YUV(77.9250, 23.7010,
-42.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5D7E
RGB	30, 93, 126
RGB Percent	12%, 36%, 49%
CMY	0.8824, 0.6353, 0.5059
CMYK	0.76, 0.26, 0.00, 0.51
HSL	201°, 62%, 31%
HSV	201°, 76%, 49%
XYZ	8.2157, 9.6111, 21.1608
YIQ	77.9250, -48.1410, -3.0930

Conversions

Conversions Part 2

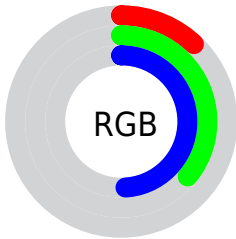
Format	Color
R_{YB}	30, 68, 126
Decimal	1990014
CIE _{Lab}	37.14, -7.96, -24.24
CIE _{LCh}	37, 25.508, 251.825
Y _{xy}	9.6111, 0.2107, 0.2465
Android (android.graphics.Color)	4280180094 (0xFF1E5D7E)
YUV	77.9250, 23.7010, -42.0302
Hunter-Lab	31.0017, -6.9494, -18.7682

Details

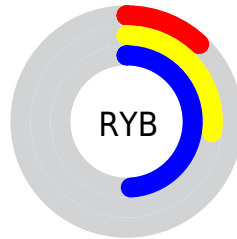
The YUV color **77.9250, 23.7010, -42.0302** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **78.0750, -23.7010, 42.0302**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9580, 23.6847, -36.7972**, and **36.3670, 20.0321, -31.8939** is the 20% darker color. If you saturate the color by 10%, you get **71.6900, 26.7748, -47.9631**, and if you desaturate by 10%, it is **84.1600, 20.6271, -36.0973**.

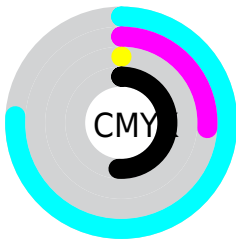
Distribution



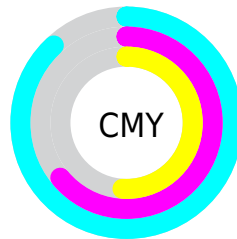
- Red (12%)
- Green (36%)
- Blue (49%)



- Red (12%)
- Yellow (27%)
- Blue (49%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)



- Cyan (88%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9250, 23.7010, -42.0302 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 77.9250, 23.7010, -42.0302 by changing the saturation by 10% instead.

■ 77.9250, 23.7010,
-42.0302

■ 77.9250, 23.7010,
-42.0302

■ 255.0000, 0.0000,
0.0000

■ 52.0170, 24.1486,
-45.6189

■ 130.9580, 23.6847,
-36.7972

■ 36.3670, 20.0321,
-31.8939

■ 157.9580, 23.6847,
-36.7972

■ 22.0050, 15.7735,
-19.2984

■ 185.4850, 24.4109,
-36.3823

■ 4.9360, 13.8356,
-4.3289

■ 212.5730, 20.9165,
-35.5825

■ 0.5700, 2.1840,
-0.4999

■ 237.3810, 8.6862,
-32.7831

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 77.9250, 23.7010,
-42.0302

■ 77.9250, 23.7010,
-42.0302

■ 71.6900, 26.7748,
-47.9631

■ 84.1600, 20.6271,
-36.0973

■ 65.1670, 29.9907,
-52.7665

■ 90.6830, 17.4113,
-31.2940

■ 63.0850, 31.0171,
-55.3255

■ 96.9180, 14.3374,
-25.3611

■ 102.8540, 11.4110,
-20.0430

■ 109.6760, 8.0477,
-14.6249

■ 115.9110, 4.9739,
-8.6919

■ 121.8470, 2.0474,
-3.3738

■ 128.6690, -1.3158,
2.0443

■ 134.6050, -4.2423,
7.3624

Harmonies

Analogous

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



69.9350, 21.7240, -61.3330



77.9250, 23.7010, -42.0302



86.4770, 19.9778, -14.4503

Triad

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



77.9250, 23.7010, -42.0302



88.7700, -4.3236, 33.5277



82.4920, -13.0606, -10.9555

Complementary

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



77.9250, 23.7010, -42.0302



78.0750, -23.7010, 42.0302

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.



85.2940, -19.3719, 6.7582



77.9250, 23.7010, -42.0302



88.0550, -13.3381, 31.5238

Square

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



77.9250, 23.7010, -42.0302



89.9460, 5.4496, 25.4804



86.7950, -19.1259, 21.2278



78.2320, -2.0864, -30.8985

Rectangle

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



77.9250, 23.7010, -42.0302



89.2510, 16.1453, 1.5339



86.7950, -19.1259, 21.2278



83.8410, -15.6976, -5.1226

Sweetspot

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



77.9250, 23.7010, -42.0302



144.3060, 9.2161, -16.0544



90.0000, -13.8040, -52.6200



70.4270, 5.7055, -10.0215



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.



77.9250, 23.7010, -42.0302



88.8110, 36.5752, -64.7322



50.3360, 37.3024, -17.8347



60.7330, 1.6106, -3.2738



63.9000, 31.6013, -56.0403



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.8860, 13.3672, 52.7200



70.3100, 20.5532, 81.2891



105.6640, -37.3024, 17.8347



59.6630, 1.1521, 3.8035



47.8480, 17.8229, 70.2933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.9250, 23.7010, -42.0302 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 77.9250, 23.7010, -42.0302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

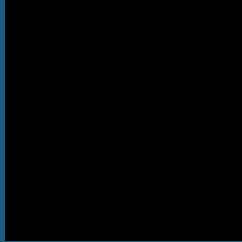
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9250, 23.7010, -42.0302

Background



This preview shows how black text looks on a background with the YUV color 77.9250, 23.7010, -42.0302.



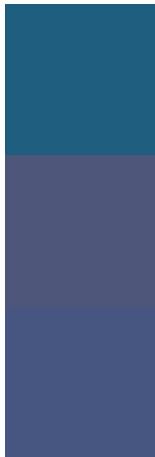
This preview shows how white text looks on a background with the YUV color 77.9250, 23.7010,

-42.0302.

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

77.9250, 23.7010, -42.0302

Protanopia

87.1850, 16.1778, -8.9322

Deuteranopia

86.0040, 20.7040, -14.0355



Tritanopia

68.9090, 17.7929, -60.4332

Trichromacy



Original Color

77.9250, 23.7010, -42.0302

Protanomaly

84.0910, 18.6891, -21.1278

Deuteranomaly

83.1660, 21.6102, -24.7016

Tritanomaly

72.5230, 19.9552, -53.9557

Monochromacy



Original Color

77.9250, 23.7010, -42.0302

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7900, 8.4845, -14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9250, 23.7010, -42.0302 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(30, 93, 126)` looks like.

```
.text, #text, p{  
    color:rgb(30, 93, 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(30, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 93, 126) }
```

Border

The CSS property to change the border of an element to YUV 77.9250, 23.7010, -42.0302 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(30, 93, 126) }
```


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

```
.border{ border-color:rgb(30, 93, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 93, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(30, 93,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 77.9250, 23.7010, -42.0302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 93, 126) }
```

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

```
.background{ background-color: rgb(30, 93,  
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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