

Converting Colors

YUV(77.2130, 27.0100,
-30.0048)

Have a look what the booklet for
YUV(77.2130, 27.0100, -30.0048)
contains.

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Color

**YUV(77.2130, 27.0100,
-30.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	2B5484
RGB	43, 84, 132
RGB Percent	17%, 33%, 52%
CMY	0.8314, 0.6706, 0.4824
CMYK	0.67, 0.36, 0.00, 0.48
HSL	212°, 51%, 34%
HSV	212°, 67%, 52%
XYZ	8.3314, 8.5202, 23.0352
YIQ	77.2130, -39.8440, 6.2360

Conversions

Conversions Part 2

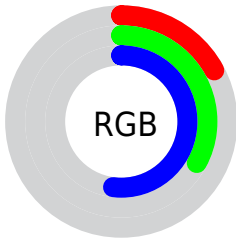
Format	Color
R_{YB}	43, 71, 132
Decimal	2839684
CIE _{Lab}	35.04, 2.09, -31.17
CIE _{LCh}	35, 31.236, 273.841
Yxy	8.5202, 0.2089, 0.2136
Android (android.graphics.Color)	4281029764 (0xFF2B5484)
YUV	77.2130, 27.0100, -30.0048
Hunter-Lab	29.1894, -0.1326, -26.3571




Details

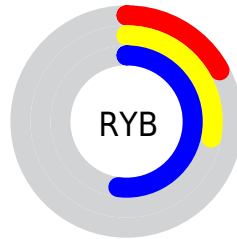
The YUV color **77.2130, 27.0100, -30.0048** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.7870, -27.0100, 30.0048**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **128.4630, 27.8727, -26.7161**, and **32.8280, 24.2418, -28.7902** is the 20% darker color. If you saturate the color by 10%, you get **69.2170, 30.9520, -34.3933**, and if you desaturate by 10%, it is **85.2090, 23.0680, -25.6163**.

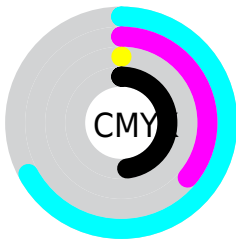
Distribution







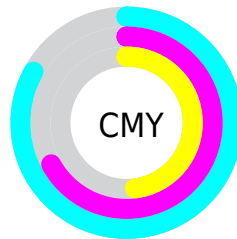
-  Red (17%)
-  Green (33%)
-  Blue (52%)






-  Red (17%)
-  Yellow (28%)
-  Blue (52%)



-  Cyan (67%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (83%)
-  Magenta (67%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2130, 27.0100, -30.0048 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 77.2130, 27.0100, -30.0048 by changing the saturation by 10% instead.

■ 77.2130, 27.0100,
-30.0048

■ 77.2130, 27.0100,
-30.0048

■ 255.0000, 0.0000,
0.0000

■ 49.5000, 28.3475,
-39.0265

■ 128.4630, 27.8727,
-26.7161

■ 32.8280, 24.2418,
-28.7902

■ 154.9900, 28.5989,
-26.3012

■ 17.8790, 20.2727,
-15.6799

■ 182.5170, 29.3251,
-25.8864

■ 5.3920, 15.5827,
-4.7288

■ 208.8070, 22.7731,
-24.3867

■ 2.0690, 5.3890,
-1.8145

■ 233.6150, 10.5428,
-21.5874

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 77.2130, 27.0100,
-30.0048

■ 77.2130, 27.0100,
-30.0048

■ 69.2170, 30.9520,
-34.3933

■ 85.2090, 23.0680,
-25.6163

■ 61.2210, 34.8940,
-38.7818

■ 93.2050, 19.1259,
-21.2278

■ 52.9260, 38.9835,
-43.7851

■ 101.5000, 15.0365,
-16.2245

■ 50.8550, 40.0045,
-44.5998

■ 109.4960, 11.0945,
-11.8360

■ 118.0790, 6.8631,
-7.9623

■ 126.0750, 2.9210,
-3.5738

■ 134.0710, -1.0210,
0.8147

■ 142.3660, -5.1104,
5.8180

■ 150.3620, -9.0525,
10.2065

Harmonies

Analogous

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



67.8950, 29.1388, -59.5439



77.2130, 27.0100, -30.0048



84.4730, 19.4868, 3.0932

Triad

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



77.2130, 27.0100, -30.0048



82.5120, -13.0704, 39.0160



71.5970, -5.7173, -32.9726

Complementary

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



77.2130, 27.0100, -30.0048



97.7870, -27.0100, 30.0048

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.



77.0210, -18.7444, -7.9114



77.2130, 27.0100, -30.0048



81.2690, -21.3316, 28.7051

Square

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



77.2130, 27.0100, -30.0048



83.1990, -1.5771, 39.2905



79.7740, -24.0456, 12.4762



65.4550, 9.6357, -57.4040

Rectangle

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



77.2130, 27.0100, -30.0048



84.9760, 13.3228, 20.1920



79.7740, -24.0456, 12.4762



73.9850, -10.8386, -23.6658

Sweetspot

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



77.2130, 27.0100, -30.0048



149.6810, 10.5103, -11.1212



100.6010, -5.2263, -50.5161



73.6770, 6.5682, -6.7327



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.



77.2130, 27.0100, -30.0048



85.4140, 42.1939, -46.8441



54.0430, 38.4328, -7.0537



62.4450, 1.7526, -2.1443



50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Inverse Universe

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



74.2850, 4.7895, 50.6161



80.8570, 7.4655, 79.0554



120.9570, -38.4328, 7.0537



62.1360, 0.4260, 3.3887



45.7100, 7.0450, 73.9223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 77.2130, 27.0100, -30.0048 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 77.2130, 27.0100, -30.0048 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 77.2130, 27.0100, -30.0048

Background



This preview shows how black text looks on a background with the YUV color 77.2130, 27.0100, -30.0048.



This preview shows how white text looks on a background with the YUV color 77.2130, 27.0100,

-30.0048.

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

77.2130, 27.0100, -30.0048

Protanopia

81.3890, 23.4722, -15.2502

Deuteranopia

78.7300, 26.2621, -23.4422



Tritanopia

70.5690, 13.5235, -44.3490

Trichromacy



Original Color

77.2130, 27.0100, -30.0048

Protanomaly

79.6980, 24.7989, -20.7831

Deuteranomaly

78.4200, 26.4149, -25.8013

Tritanomaly

72.5680, 18.4540, -39.0861

Monochromacy



Original Color

77.2130, 27.0100, -30.0048

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.4530, 9.6367, -10.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2130, 27.0100, -30.0048 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(43, 84, 132)` looks like.

```
.text, #text, p{  
    color:rgb(43, 84, 132)  
}
```

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(43, 84, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 84, 132) }
```

Border

The CSS property to change the border of an element to YUV 77.2130, 27.0100, -30.0048 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(43, 84, 132) }
```


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

```
.border{ border-color:rgb(43, 84, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 84, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 84, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 84, 132);  
box-shadow:4px 4px 4px 4px rgb(43, 84,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 77.2130, 27.0100, -30.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 84, 132) }
```

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

```
.background{ background-color: rgb(43, 84,  
132) }
```

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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