

Converting Colors

YUV(77.7470, 30.6907, 2.8529)

Have a look what the booklet for
YUV(77.7470, 30.6907, 2.8529)
contains.

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Color

**YUV(77.7470, 30.6907,
2.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	51408C
RGB	81, 64, 140
RGB Percent	32%, 25%, 55%
CMY	0.6824, 0.7490, 0.4510
CMYK	0.42, 0.54, 0.00, 0.45
HSL	253°, 37%, 40%
HSV	253°, 54%, 55%
XYZ	9.9604, 7.3096, 25.6969
YIQ	77.7470, -14.2640, 27.2400

Conversions

Conversions Part 2

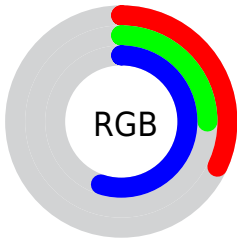
Format	Color
R_{YB}	81, 64, 140
Decimal	5324940
CIE _{Lab}	32.50, 26.67, -39.97
CIE _{LCh}	33, 48.054, 303.714
Yxy	7.3096, 0.2318, 0.1701
Android (android.graphics.Color)	4283515020 (0xFF51408C)
YUV	77.7470, 30.6907, 2.8529
Hunter-Lab	27.0362, 18.4474, -37.4275

Details

The YUV color **77.7470, 30.6907, 2.8529** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **126.2530, -30.6907, -2.8529**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9260, 32.5745, 5.3269**, and **30.2580, 28.9598, -1.9803** is the 20% darker color. If you saturate the color by 10%, you get **66.2400, 36.3637, 3.2975**, and if you desaturate by 10%, it is **89.2540, 25.0178, 2.4082**.

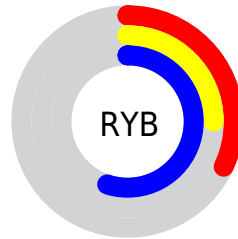
Distribution



Red (32%)

Green (25%)

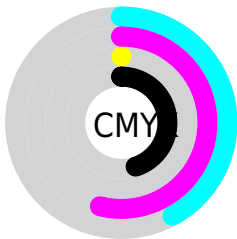
Blue (55%)



Red (32%)

Yellow (25%)

Blue (55%)

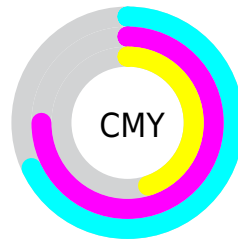


Cyan (42%)

Magenta (54%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7470, 30.6907, 2.8529 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 77.7470, 30.6907, 2.8529 by changing the saturation by 10% instead.

■ 77.7470, 30.6907,
2.8529

■ 77.7470, 30.6907,
2.8529

■ 255.0000, 0.0000,
0.0000

■ 54.0950, 29.5332,
0.7937

■ 127.9260, 32.5745,
5.3269

■ 30.2580, 28.9598,
-1.9803

■ 154.4530, 33.3007,
5.7417

■ 7.7090, 28.2445,
-5.8838

■ 181.3930, 34.3163,
6.6713

■ 6.5490, 17.4773,
-5.7435

■ 206.0700, 24.1225,
9.5856

■ 2.8670, 8.4466,
-2.5144

■ 231.1770, 11.7447,
12.9998

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 2.0257,

3.6036

■ 77.7470, 30.6907,
2.8529

■ 77.7470, 30.6907,
2.8529

■ 66.2400, 36.3637,
3.2975

■ 89.2540, 25.0178,
2.4082

■ 54.7330, 42.0366,
3.7422

■ 100.7610, 19.3448,
1.9636

■ 43.2260, 47.7096,
4.1868

■ 112.2680, 13.6719,
1.5190

■ 32.0180, 53.2351,
5.2462

■ 123.4760, 8.1463,
0.4595

■ 25.2290, 56.5821,
5.0612

■ 134.9830, 2.4734,
0.0149

■ 146.4900, -3.1996,
-0.4297

■ 157.9970, -8.8725,
-0.8744

■ 169.5040,
-14.5455, -1.3190

■ 181.0110,
-20.2184, -1.7636

Harmonies

Analogous

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



64.4020, 43.6788, -56.4806



77.7470, 30.6907, 2.8529



75.8570, 17.3255, 43.0984

Triad

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



77.7470, 30.6907, 2.8529



71.9750, -35.4837, 41.2409



63.7110, 8.0305, -55.8745

Complementary

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



77.7470, 30.6907, 2.8529



126.2530, -30.6907, -2.8529

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.



58.0910, -8.4259, -50.9458



77.7470, 30.6907, 2.8529



71.2230, -35.1129, 15.5904

Square

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



77.7470, 30.6907, 2.8529



70.7210, -16.6245, 59.0037



65.4320, -32.2580, -13.5339



68.0430, 24.6288, -59.6737

Rectangle

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



77.7470, 30.6907, 2.8529



71.3230, 7.2358, 59.3527



65.4320, -32.2580, -13.5339



62.2290, 2.3521, -54.5748

Sweetspot

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



77.7470, 30.6907, 2.8529



157.3990, 11.6353, 1.4041



107.8840, 15.8332, -38.4863



77.2480, 7.2727, 0.6595



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



77.7470, 30.6907, 2.8529



84.5250, 47.5622, 4.8016



88.8100, 25.2367, 25.5996



63.3960, 2.7628, 0.5297



24.1320, 53.6719, 5.1462



0.8690, 2.0366, 0.1149

Inverse Universe

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



93.4500, 14.5681, 40.8243



108.7700, 22.7914, 63.3457



115.1900, -25.2367, -25.5996



64.6630, 1.1521, 3.8035



51.5090, 25.3851, 71.4676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 77.7470, 30.6907, 2.8529 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 77.7470, 30.6907, 2.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

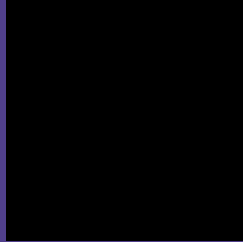
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7470, 30.6907, 2.8529

Background



This preview shows how black text looks on a background with the YUV color 77.7470, 30.6907, 2.8529.



This preview shows how white text looks on a background with the YUV color 77.7470, 30.6907,

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

77.7470, 30.6907, 2.8529

Protanopia

69.3230, 40.2668, -35.3633

Deuteranopia

66.4870, 34.7629, -43.4001



Tritanopia

75.3950, 4.2423, -7.3624

Trichromacy



Original Color

77.7470, 30.6907, 2.8529

Protanomaly

72.2000, 36.8764, -21.2234

Deuteranomaly

70.5430, 33.2563, -26.7862

Tritanomaly

76.2350, 13.6881, -3.7141

Monochromacy



Original Color

77.7470, 30.6907, 2.8529

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7470, 30.6907, 2.8529 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(81, 64, 140)` looks like.

```
.text, #text, p{  
    color:rgb(81, 64, 140)  
}
```

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(81, 64, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 64, 140) }
```

Border

The CSS property to change the border of an element to YUV 77.7470, 30.6907, 2.8529 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(81, 64, 140) }
```


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

```
.border{ border-color:rgb(81, 64, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 64, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 64, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 64, 140);  
box-shadow:4px 4px 4px 4px rgb(81, 64,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 77.7470, 30.6907, 2.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 64, 140) }
```

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

```
.background{ background-color: rgb(81, 64,  
140) }
```

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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