

Converting Colors

YUV(78.3010, 30.4176, -2.8950)

Have a look what the booklet for
YUV(78.3010, 30.4176, -2.8950)
contains.

YUV(78.3010, 30.4176, -2.8950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(78.3010, 30.4176,
-2.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	4B448C
RGB	75, 68, 140
RGB Percent	29%, 27%, 55%
CMY	0.7059, 0.7333, 0.4510
CMYK	0.46, 0.51, 0.00, 0.45
HSL	246°, 35%, 41%
HSV	246°, 51%, 55%
XYZ	9.7024, 7.5235, 25.7518
YIQ	78.3010, -18.9400, 23.8760

Conversions

Conversions Part 2

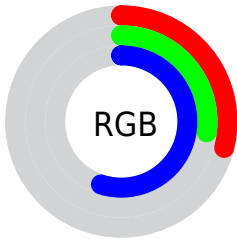
Format	Color
R _{YB}	75, 68, 140
Decimal	4932748
CIE Lab	32.97, 22.60, -39.25
CIE LCh	33, 45.293, 299.931
Yxy	7.5235, 0.2258, 0.1751
Android (android.graphics.Color)	4283122828 (0xFF4B448C)
YUV	78.3010, 30.4176, -2.8950
Hunter-Lab	27.4291, 15.1393, -36.4640

Details

The YUV color **78.3010, 30.4176, -2.8950** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **129.6990, -30.4176, 2.8950**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4800, 32.3014, -0.4210**, and **30.8010, 28.6921, -9.4725** is the 20% darker color. If you saturate the color by 10%, you get **66.1960, 36.3854, -3.6799**, and if you desaturate by 10%, it is **90.4060, 24.4498, -2.1101**.

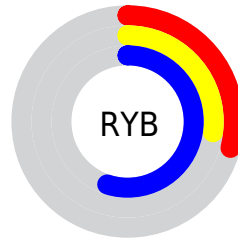
Distribution



Red (29%)

Green (27%)

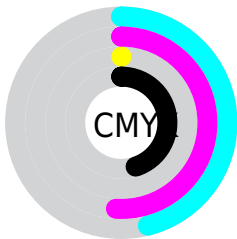
Blue (55%)



Red (29%)

Yellow (27%)

Blue (55%)

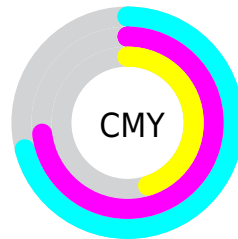


Cyan (46%)

Magenta (51%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3010, 30.4176, -2.8950 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 78.3010, 30.4176, -2.8950 by changing the saturation by 10% instead.

■ 78.3010, 30.4176,
-2.8950

■ 78.3010, 30.4176,
-2.8950

■ 255.0000, 0.0000,
0.0000

■ 54.6490, 29.2600,
-4.9542

■ 128.4800, 32.3014,
-0.4210

■ 30.8010, 28.6921,
-9.4725

■ 155.0070, 33.0275,
-0.0061

■ 7.4100, 28.3919,
-6.4986

■ 181.9470, 34.0431,
0.9235

■ 6.5490, 17.4773,
-5.7435

■ 207.2110, 23.5600,
3.3230

■ 2.9810, 8.8834,
-2.6143

■ 232.3180, 11.1822,
6.7371

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8682,

1.5444

■ 78.3010, 30.4176,
-2.8950

■ 78.3010, 30.4176,
-2.8950

■ 66.1960, 36.3854,
-3.6799

■ 90.4060, 24.4498,
-2.1101

■ 54.3900, 42.2057,
-3.8500

■ 102.2120, 18.6295,
-1.9399

■ 42.2850, 48.1735,
-4.6349

■ 114.3170, 12.6617,
-1.1550

■ 30.1800, 54.1413,
-5.4199

■ 126.4220, 6.6940,
-0.3701

■ 20.1460, 59.0880,
-5.3900

■ 138.2280, 0.8736,
-0.2000

■ 150.3330, -5.0942,
0.5850

■ 162.1390,
-10.9145, 0.7551

■ 174.2440,
-16.8823, 1.5400

■ 186.3490,
-22.8501, 2.3249

Harmonies

Analogous

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



65.1200, 41.3528, -57.1102



78.3010, 30.4176, -2.8950



78.8130, 17.3472, 36.1210

Triad

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



78.3010, 30.4176, -2.8950



73.8270, -30.9737, 41.3707



63.8420, 5.9939, -55.9894

Complementary

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



78.3010, 30.4176, -2.8950



129.6990, -30.4176, 2.8950

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.



57.8630, -9.2995, -50.7459



78.3010, 30.4176, -2.8950



72.7180, -35.8500, 18.6643

Square

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



78.3010, 30.4176, -2.8950



73.2800, -14.4350, 56.7594



68.3510, -32.7110, -8.2008



67.3590, 22.0080, -59.0738

Rectangle

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



78.3010, 30.4176, -2.8950



74.8060, 7.9836, 52.7901



68.3510, -32.7110, -8.2008



61.8870, 1.0417, -54.2749

Sweetspot

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



78.3010, 30.4176, -2.8950



157.9750, 11.3513, -0.8551



114.9500, 12.3496, -41.1752



77.5360, 7.1308, -0.4701



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.



78.3010, 30.4176, -2.8950



85.0570, 47.2999, -4.4350



88.7660, 25.2584, 18.6222



63.0970, 2.9102, -0.0851



19.0490, 56.1778, -5.3050



0.5700, 2.1840, -0.4999

Inverse Universe

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



96.9380, 17.7786, 37.7654



114.0020, 27.6070, 58.7572



119.2340, -25.2584, -18.6222



64.7770, 1.5889, 3.7036



53.4470, 32.8106, 69.7680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 78.3010, 30.4176, -2.8950 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 78.3010, 30.4176, -2.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

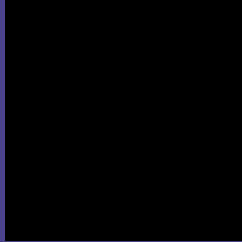
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3010, 30.4176, -2.8950

Background



This preview shows how black text looks on a background with the YUV color 78.3010, 30.4176, -2.8950.



This preview shows how white text looks on a background with the YUV color 78.3010, 30.4176,

-2.8950.

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

78.3010, 30.4176, -2.8950

Protanopia

71.8460, 37.0509, -30.5599

Deuteranopia

68.9820, 34.0259, -40.3262



Tritanopia

75.7040, 5.5689, -12.8954

Trichromacy



Original Color

78.3010, 30.4176, -2.8950

Protanomaly

73.9290, 34.5450, -20.1087

Deuteranomaly

72.4290, 32.8195, -26.6862

Tritanomaly

76.4300, 14.5780, -9.1471

Monochromacy



Original Color

78.3010, 30.4176, -2.8950

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9750, 11.3513, -0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3010, 30.4176, -2.8950 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(75, 68, 140)` looks like.

```
.text, #text, p{  
    color:rgb(75, 68, 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(75, 68, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 68, 140) }
```

Border

The CSS property to change the border of an element to YUV 78.3010, 30.4176, -2.8950 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(75, 68, 140) }
```


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

```
.border{ border-color:rgb(75, 68, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 68, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 68, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 68, 140);  
box-shadow:4px 4px 4px 4px rgb(75, 68,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 78.3010, 30.4176, -2.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 68, 140) }
```

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

```
.background{ background-color: rgb(75, 68,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor