

Converting Colors

YUV(77.7530, 8.0098, -2.4144)

Have a look what the booklet for
YUV(77.7530, 8.0098, -2.4144)
contains.

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Color

**YUV(77.7530, 8.0098,
-2.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4C5E
RGB	75, 76, 94
RGB Percent	29%, 30%, 37%
CMY	0.7059, 0.7020, 0.6314
CMYK	0.20, 0.19, 0.00, 0.63
HSL	237°, 11%, 33%
HSV	237°, 20%, 37%
XYZ	7.5065, 7.4729, 11.6365
YIQ	77.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

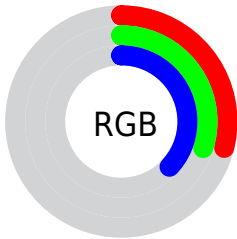
Format	Color
R_{YB}	75, 76, 94
Decimal	4934750
CIE Lab	32.86, 3.92, -10.67
CIE LCh	33, 11.366, 290.159
Yxy	7.4729, 0.2820, 0.2808
Android (android.graphics.Color)	4283124830 (0xFF4B4C5E)
YUV	77.7530, 8.0098, -2.4144
Hunter-Lab	27.3366, 1.1761, -6.1026

Details

The YUV color **77.7530, 8.0098, -2.4144** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.2470, -8.0098, 2.4144**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8670, 8.4466, -2.5144**, and **33.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **69.7790, 11.9410, -3.3142**, and if you desaturate by 10%, it is **85.7270, 4.0786, -1.5146**.

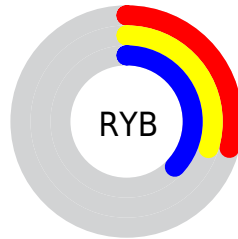
Distribution



Red (29%)

Green (30%)

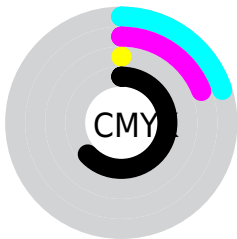
Blue (37%)



Red (29%)

Yellow (30%)

Blue (37%)

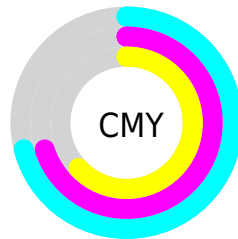


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (70%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7530, 8.0098, -2.4144 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 77.7530, 8.0098, -2.4144 by changing the saturation by 10% instead.

■ 77.7530, 8.0098,
-2.4144

■ 77.7530, 8.0098,
-2.4144

■ 255.0000, 0.0000,
0.0000

■ 54.6390, 7.5730,
-2.3144

■ 126.8670, 8.4466,
-2.5144

■ 33.5250, 7.1362,
-2.2144

■ 152.9810, 8.8834,
-2.6143

■ 10.1660, 8.2992,
-1.8996

■ 179.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 207.0950, 9.3202,
-2.7143

■ 235.2090, 9.7570,
-2.8143

■ 77.7530, 8.0098,
-2.4144

■ 77.7530, 8.0098,
-2.4144

■ 69.7790, 11.9410,
-3.3142

■ 85.7270, 4.0786,
-1.5146

■ 61.5060, 16.0195,
-4.8288

■ 94.0000, 0.0000,
0.0000

■ 53.5320, 19.9507,
-5.7286

■ 101.9740, -3.9312,
0.8998

■ 45.2590, 24.0293,
-7.2431

■ 110.2470, -8.0098,
2.4144

■ 37.2850, 27.9605,
-8.1429

■ 118.2210,
-11.9410, 3.3142

■ 29.8980, 31.6023,
-9.5575

■ 125.6080,
-15.5827, 4.7288

■ 21.6250, 35.6809,
-11.0721

■ 133.8810,
-19.6613, 6.2434

■ 13.6510, 39.6121,

■ 141.8550,

-11.9719

-23.5925, 7.1432

■ 150.1280,
-27.6711, 8.6577

Harmonies

Analogous

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



76.0400, 9.3473, -11.4361



77.7530, 8.0098, -2.4144



78.7110, 5.0725, 6.3925

Triad

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



77.7530, 8.0098, -2.4144



78.2530, -7.0267, 13.8101



73.9120, 0.0434, -13.9548

Complementary

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



77.7530, 8.0098, -2.4144



91.2470, -8.0098, 2.4144

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.



75.1040, -4.4883, -7.1072



77.7530, 8.0098, -2.4144



77.4650, -8.6102, 8.3622

Square

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



77.7530, 8.0098, -2.4144



78.4750, -3.6852, 15.3694



76.5350, -8.1518, 1.2848



73.4430, 4.7116, -17.9285

Rectangle

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



77.7530, 8.0098, -2.4144



79.0490, 2.4408, 10.4810



76.5350, -8.1518, 1.2848



74.4670, -1.7092, -11.8106

Sweetspot

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



77.7530, 8.0098, -2.4144



115.7980, 3.0576, -0.6998



88.2050, 2.3639, -11.5808



57.4560, 1.7472, -0.3999



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.7530, 8.0098, -2.4144



97.4800, 12.0884, -3.9290



79.5580, 7.1199, 3.0186



42.1570, 1.8946, -1.0147



16.0620, 46.3114, -14.0864



34.0620, 100.0484, -29.8724

Inverse Universe

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



80.7950, -2.3639, 11.5808



101.8990, -3.4012, 17.6286



89.4420, -7.1199, -3.0186



42.6090, -0.3002, 2.9739



33.5740, -13.5940, 67.0256



72.2310, -29.6939, 144.5024

Previews

White Background



This preview shows how the YUV color 77.7530, 8.0098, -2.4144 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 77.7530, 8.0098, -2.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

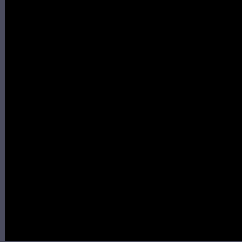
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7530, 8.0098, -2.4144

Background



This preview shows how black text looks on a background with the YUV color 77.7530, 8.0098, -2.4144.



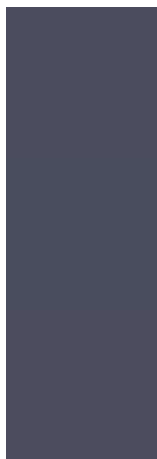
This preview shows how white text looks on a background with the YUV color 77.7530, 8.0098, -2.4144.

-2.4144.

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

77.7530, 8.0098, -2.4144

Protanopia

77.7420, 8.0152, -4.1587

Deuteranopia

78.0520, 7.8624, -1.7996



Tritanopia

77.1890, 3.3578, -3.6738

Trichromacy



Original Color

77.7530, 8.0098, -2.4144

Protanomaly

78.0410, 7.8678, -3.5440

Deuteranomaly

78.0520, 7.8624, -1.7996

Tritanomaly

77.3570, 5.2470, -2.9441

Monochromacy



Original Color

77.7530, 8.0098, -2.4144

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7980, 3.0576, -0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7530, 8.0098, -2.4144 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, 76, 94)` looks like.

```
.text, #text, p{  
    color:rgb(75, 76, 94)  
}
```

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, 76, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 76, 94) }
```

Border

The CSS property to change the border of an element to YUV 77.7530, 8.0098, -2.4144 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, 76, 94) }
```


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

```
.border{ border-color:rgb(75, 76, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 76, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 76, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 76, 94);  
box-shadow:4px 4px 4px 4px rgb(75, 76, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7530, 8.0098, -2.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 76, 94) }
```

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

```
.background{ background-color: rgb(75, 76,  
94) }
```

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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