

Converting Colors

YUV(77.8630, -32.4705, 8.0131)

Have a look what the booklet for
YUV(77.8630, -32.4705, 8.0131)
contains.

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Color

**YUV(77.8630, -32.4705,
8.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	57560C
RGB	87, 86, 12
RGB Percent	34%, 34%, 5%
CMY	0.6588, 0.6627, 0.9529
CMYK	0.00, 0.01, 0.86, 0.66
HSL	59°, 76%, 19%
HSV	59°, 86%, 34%
XYZ	7.3246, 8.7084, 1.6427
YIQ	77.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

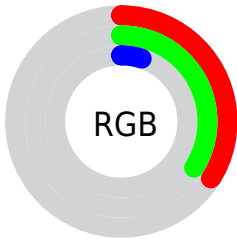
Format	Color
R_{YB}	13, 87, 12
Decimal	5723660
CIE Lab	35.42, -8.85, 39.23
CIE LCh	35, 40.216, 102.711
Yxy	8.7084, 0.4144, 0.4927
Android (android.graphics.Color)	4283913740 (0xFF57560C)
YUV	77.8630, -32.4705, 8.0131
Hunter-Lab	29.5099, -7.3371, 17.3566

Details

The YUV color **77.8630, -32.4705, 8.0131** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **21.1370, 32.4705, -8.0131**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8740, -32.4759, 9.7575**, and **35.4290, -17.4665, 2.2548** is the 20% darker color. If you saturate the color by 10%, you get **76.8370, -36.4016, 8.9130**, and if you desaturate by 10%, it is **78.8890, -28.5393, 7.1133**.

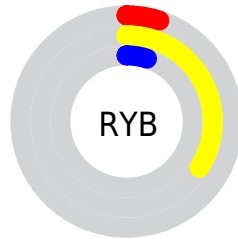
Distribution



Red (34%)

Green (34%)

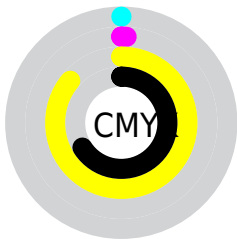
Blue (5%)



Red (5%)

Yellow (34%)

Blue (5%)

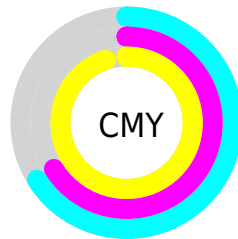


Cyan (0%)

Magenta (1%)

Yellow (86%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8630, -32.4705, 8.0131 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 77.8630, -32.4705, 8.0131 by changing the saturation by 10% instead.

■ 77.8630, -32.4705,
8.0131

■ 77.8630, -32.4705,
8.0131

■ 254.4300, -2.1840,
0.4999

■ 55.5190, -27.3709,
5.6838

■ 127.8740,
-32.4759, 9.7575

■ 35.4290, -17.4665,
2.2548

■ 154.9450,
-33.4969, 10.5722

■ 15.0070, -7.3985,
-7.0221

■ 182.0160,
-34.5179, 11.3870

■ 0.0000, 0.0000,
0.0000

■ 209.2010,
-35.1021, 12.1017

■ 237.9730,
-35.9757, 12.3017

■ 247.9320,

-27.0815, 6.1986

■ 251.1240,
-14.8511, 3.3993

■ 77.8630, -32.4705,
8.0131

■ 77.8630, -32.4705,
8.0131

■ 76.8370, -36.4016,
8.9130

■ 78.8890, -28.5393,
7.1133

■ 76.4950, -37.7120,
9.2129

■ 79.8010, -25.0449,
6.3135

■ 80.8270, -21.1137,
5.4137

■ 81.8530, -17.1825,
4.5139

■ 83.3520, -13.9775,
3.1993

■ 84.3780, -10.0464,
2.2995

■ 85.4040, -6.1152,
1.3997

■ 86.4300, -2.1840,
0.4999

■ 87.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



80.4620, -30.7938, 30.2898



77.8630, -32.4705, 8.0131



73.6020, -20.0168, -19.8220

Triad

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



77.8630, -32.4705, 8.0131



71.3030, 26.9656, -62.5327



84.0820, 9.3266, 42.0241

Complementary

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



77.8630, -32.4705, 8.0131



21.1370, 32.4705, -8.0131

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.



85.9350, 22.2170, 14.0890



77.8630, -32.4705, 8.0131



70.5340, 36.7117, -61.8583

Square

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



77.8630, -32.4705, 8.0131



69.0570, 13.2829, -60.5630



78.2330, 33.4091, -29.1453



81.6630, -5.2569, 52.9155

Rectangle

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



77.8630, -32.4705, 8.0131



63.1770, -5.5103, -52.7752



78.2330, 33.4091, -29.1453



85.1780, 13.7162, 34.0469

Sweetspot

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



77.8630, -32.4705, 8.0131



108.6940, -12.6671, 2.8994



34.5390, -10.6187, 46.0083



54.0620, -7.4256, 1.6996



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.8630, -32.4705, 8.0131



98.6450, -48.6320, 11.7123



67.6860, -27.4532, -14.6336



42.5440, -1.7472, 0.3999



94.2150, -46.4480, 11.2124



205.8620, -101.4900, 25.5540

Inverse Universe

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



21.1370, 32.4705, -8.0131



13.3550, 48.6320, -11.7123



31.3140, 27.4532, 14.6336



39.4560, 1.7472, -0.3999



12.7850, 46.4480, -11.2124



28.5510, 101.7794, -25.0392

Previews

White Background



This preview shows how the YUV color 77.8630, -32.4705, 8.0131 looks on a white background.

Color Contrast Check

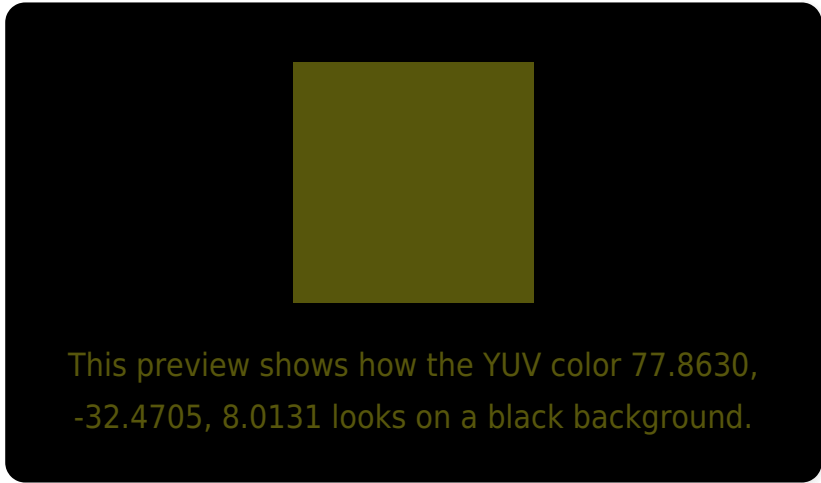
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 77.8630, -32.4705, 8.0131

Background



This preview shows how black text looks on a background with the YUV color 77.8630, -32.4705, 8.0131.



This preview shows how white text looks on a background with the YUV color 77.8630, -32.4705,

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

77.8630, -32.4705, 8.0131

Protanopia

78.6680, -33.3603, 13.4462

Deuteranopia

79.7060, -30.9141, 22.1828



Tritanopia

84.5710, 0.7045, 7.3922

Trichromacy



Original Color

77.8630, -32.4705, 8.0131

Protanomaly

78.3580, -33.2075, 11.0870

Deuteranomaly

79.1460, -31.6240, 16.5350

Tritanomaly

82.0690, -11.3730, 7.8325

Monochromacy



Original Color

77.8630, -32.4705, 8.0131

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8630, -32.4705, 8.0131 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(87, 86, 12)` looks like.

```
.text, #text, p{  
    color:rgb(87, 86, 12)  
}
```

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(87, 86, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 86, 12) }
```

Border

The CSS property to change the border of an element to YUV 77.8630, -32.4705, 8.0131 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(87, 86, 12) }
```


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

```
.border{ border-color:rgb(87, 86, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 86, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 86, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 86, 12);  
box-shadow:4px 4px 4px 4px rgb(87, 86, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8630, -32.4705, 8.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 86, 12) }
```

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

```
.background{ background-color: rgb(87, 86,  
12) }
```

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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