

Converting Colors

YUV(77.1830, -31.1492, 4.2245)

Have a look what the booklet for
YUV(77.1830, -31.1492, 4.2245)
contains.

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Color

**YUV(77.1830, -31.1492,
4.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	52570E
RGB	82, 87, 14
RGB Percent	32%, 34%, 5%
CMY	0.6784, 0.6588, 0.9451
CMYK	0.06, 0.00, 0.84, 0.66
HSL	64°, 72%, 20%
HSV	64°, 84%, 34%
XYZ	6.9671, 8.6419, 1.7163
YIQ	77.1830, 20.4530, -23.7630

Conversions

Conversions Part 2

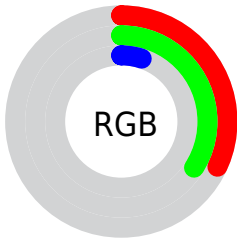
Format	Color
R_{YB}	14, 87, 19
Decimal	5396238
CIE _{Lab}	35.29, -11.80, 38.28
CIE _{LCh}	35, 40.055, 107.139
Yxy	8.6419, 0.4021, 0.4988
Android (android.graphics.Color)	4283586318 (0xFF52570E)
YUV	77.1830, -31.1492, 4.2245
Hunter-Lab	29.3972, -9.1405, 17.1164

Details

The YUV color **77.1830, -31.1492, 4.2245** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.8170, 31.1492, -4.2245**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7810, -31.4440, 5.4541**, and **34.8200, -17.1663, -0.7191** is the 20% darker color. If you saturate the color by 10%, you get **75.8580, -34.9330, 4.5095**, and if you desaturate by 10%, it is **78.5080, -27.3654, 3.9395**.

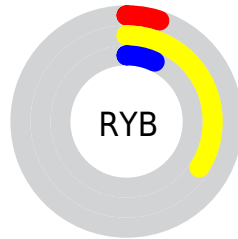
Distribution



Red (32%)

Green (34%)

Blue (5%)



Red (5%)

Yellow (34%)

Blue (7%)

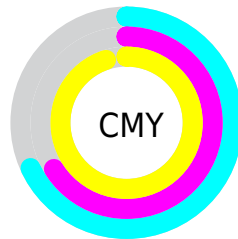


Cyan (6%)

Magenta (0%)

Yellow (84%)

Black (66%)



Cyan (68%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1830, -31.1492, 4.2245 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 77.1830, -31.1492, 4.2245 by changing the saturation by 10% instead.

■ 77.1830, -31.1492,
4.2245

■ 77.1830, -31.1492,
4.2245

■ 254.5440, -1.7472,
0.3999

■ 54.9100, -27.0706,
2.7099

■ 127.7810,
-31.4440, 5.4541

■ 34.8200, -17.1663,
-0.7191

■ 153.8520,
-32.4650, 6.2688

■ 13.5010, -6.6560,
-11.8404

■ 181.0370,
-33.0492, 6.9836

■ 0.0000, 0.0000,
0.0000

■ 208.8090,
-33.9228, 7.1835

■ 236.9940,
-34.5070, 7.8983

■ 248.0460,

-26.6447, 6.0987

■ 251.2380,
-14.4143, 3.2993

■ 77.1830, -31.1492,
4.2245

■ 77.1830, -31.1492,
4.2245

■ 75.8580, -34.9330,
4.5095

■ 78.5080, -27.3654,
3.9395

■ 75.2880, -37.1170,
5.0094

■ 79.4200, -23.8711,
3.1397

■ 80.7450, -20.0873,
2.8546

■ 81.7710, -16.1561,
1.9548

■ 83.0960, -12.3723,
1.6698

■ 84.3070, -9.0254,
1.4848

■ 85.3330, -5.0942,
0.5850

■ 86.6580, -1.3104,
0.2999

■ 87.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



79.5110, -31.8039, 27.6159



77.1830, -31.1492, 4.2245



72.5520, -17.5271, -25.0401

Triad

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



77.1830, -31.1492, 4.2245



71.0580, 28.5654, -62.3179



83.5230, 7.1372, 44.2683

Complementary

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



77.1830, -31.1492, 4.2245



23.8170, 31.1492, -4.2245

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.



85.5120, 20.4536, 19.7220



77.1830, -31.1492, 4.2245



69.9470, 37.0011, -61.3435

Square

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



77.1830, -31.1492, 4.2245



69.0400, 15.7563, -60.5481



80.4190, 31.3454, -20.5385



80.7940, -7.2934, 52.8007

Rectangle

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



77.1830, -31.1492, 4.2245



63.4370, -3.1734, -55.6342



80.4190, 31.3454, -20.5385



84.3310, 11.6688, 37.4207

Sweetspot

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



77.1830, -31.1492, 4.2245



108.2100, -11.9355, 1.5698



38.7620, -12.2077, 42.3047



53.7630, -7.2782, 1.0848



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.



77.1830, -31.1492, 4.2245



97.1390, -47.8895, 6.8941



66.4190, -25.8426, -17.9075



42.5440, -1.7472, 0.3999



92.7090, -45.7055, 6.3942



203.4260, -100.2890, 13.6584

Inverse Universe

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



23.8170, 31.1492, -4.2245



15.1600, 47.7421, -6.2793



34.5810, 25.8426, 17.9075



39.4560, 1.7472, -0.3999



14.2910, 45.7055, -6.3942



31.5740, 100.2890, -13.6584

Previews

White Background



This preview shows how the YUV color 77.1830, -31.1492, 4.2245 looks on a white background.

Color Contrast Check

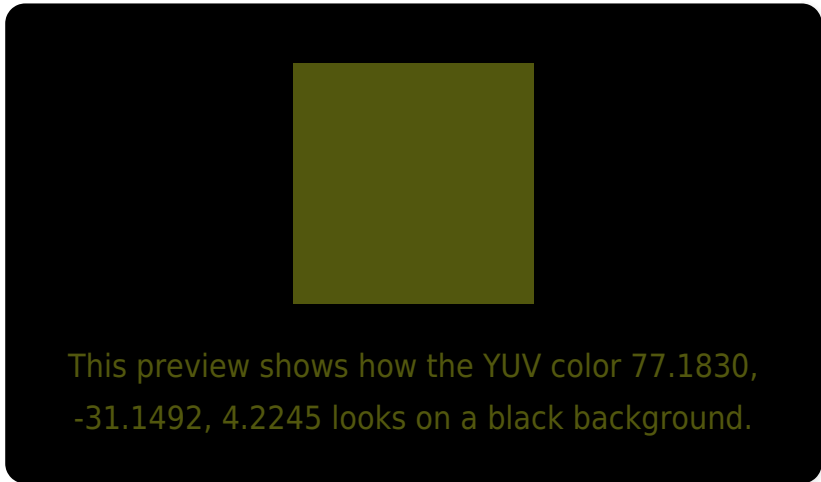
Large Text (above 18pt) WCAG AA ✓ Pass

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

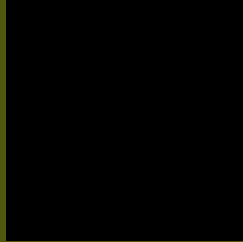
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1830, -31.1492, 4.2245

Background



This preview shows how black text looks on a background with the YUV color 77.1830, -31.1492, 4.2245.



This preview shows how white text looks on a background with the YUV color 77.1830, -31.1492,

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

77.1830, -31.1492, 4.2245

Protanopia

78.3090, -32.1973, 13.7610

Deuteranopia

79.9340, -30.0405, 21.9829



Tritanopia

83.7770, 1.5889, 3.7036

Trichromacy



Original Color

77.1830, -31.1492, 4.2245

Protanomaly

77.7000, -31.8971, 10.7871

Deuteranomaly

79.0750, -30.6030, 15.7202

Tritanomaly

81.2750, -10.4886, 4.1438

Monochromacy



Original Color

77.1830, -31.1492, 4.2245

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3240, -11.4987, 1.4699

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1830, -31.1492, 4.2245 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(82, 87, 14)` looks like.

```
.text, #text, p{  
    color:rgb(82, 87, 14)  
}
```

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(82, 87, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 87, 14) }
```

Border

The CSS property to change the border of an element to YUV 77.1830, -31.1492, 4.2245 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(82, 87, 14) }
```


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

```
.border{ border-color:rgb(82, 87, 14) }
```

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

Here you see how a box with a 4 pixel rgb(82, 87, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 87, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 87, 14);  
box-shadow:4px 4px 4px 4px rgb(82, 87, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1830, -31.1492, 4.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 87, 14) }
```

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

```
.background{ background-color: rgb(82, 87,  
14) }
```

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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