

Converting Colors

YUV(31.2630, -15.4127,
43.6193)

Have a look what the booklet for
YUV(31.2630, -15.4127, 43.6193)
contains.

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Color

**YUV(31.2630, -15.4127,
43.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	510C00
RGB	81, 12, 0
RGB Percent	32%, 5%, 0%
CMY	0.6824, 0.9529, 1.0000
CMYK	0.00, 0.85, 1.00, 0.68
HSL	9°, 100%, 16%
HSV	9°, 100%, 32%
XYZ	3.5248, 2.0123, 0.2026
YIQ	31.2630, 44.9760, 10.8960

Conversions

Conversions Part 2

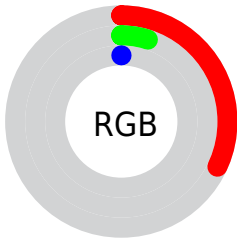
Format	Color
RYB	81, 14, 0
Decimal	5311488
CIELab	15.55, 30.74, 23.91
CIELCh	16, 38.947, 37.881
Yxy	2.0123, 0.6141, 0.3506
Android (android.graphics.Color)	4283501568 (0xFF510C00)
YUV	31.2630, -15.4127, 43.6193
Hunter-Lab	14.1855, 19.5292, 9.0829

Details

The YUV color **31.2630, -15.4127, 43.6193** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **49.7370, 15.4127, -43.6193**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8290, -17.1707, 47.5080**, and **7.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **31.2630, -15.4127, 43.6193**, and if you desaturate by 10%, it is **36.2840, -13.9440, 39.2159**.

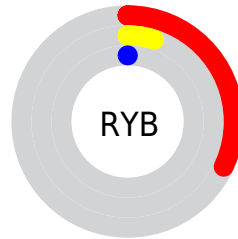
Distribution



Red (32%)

Green (5%)

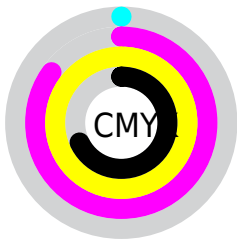
Blue (0%)



Red (32%)

Yellow (5%)

Blue (0%)

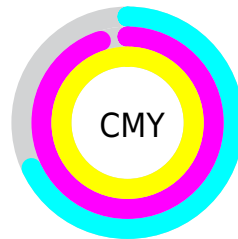


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (68%)



Cyan (68%)


Magenta (95%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 31.2630, -15.4127, 43.6193 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 31.2630, -15.4127, 43.6193 by changing the saturation by 10% instead.


 31.2630, -15.4127,
43.6193

 31.2630, -15.4127,
43.6193

 247.5850,
-10.6414, 6.5030


 16.1460, -7.9600,
33.1980

 81.8290, -17.1707,
47.5080

 7.2900, -3.1010,
14.6547

 107.4980,
-18.4865, 49.5523

 0.0000, 0.0000,
0.0000


 133.4660,
-19.9497, 52.2113


 160.5480,
-20.9762, 54.7704


 188.0320,
-21.7078, 56.0999


 207.7420,


-18.6068, 41.4453


 227.3700,
-14.4794, 24.2315


 31.2630, -15.4127,
43.6193

 36.2840, -13.9440,
39.2159

 41.3050, -12.4754,
34.8125

 46.3260, -11.0067,
30.4091

 51.3470, -9.5381,
26.0057

 56.4820, -7.6326,
21.5023

■ 60.9160, -5.8746,
17.6137

■ 65.9370, -4.4059,
13.2103

■ 70.9580, -2.9373,
8.8068

■ 75.9790, -1.4686,
4.4034

Harmonies

Analogous

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



29.4760, 1.7373, 49.5715



31.2630, -15.4127, 43.6193



36.4580, -17.9738, 25.0313

Triad

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



31.2630, -15.4127, 43.6193



30.5870, -7.1914, -26.8248



34.1960, 29.4834, -29.9899

Complementary

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



31.2630, -15.4127, 43.6193



49.7370, 15.4127, -43.6193

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.



37.8490, 25.7104, -33.1936



31.2630, -15.4127, 43.6193



34.5940, 5.6232, -30.3389

Square

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



31.2630, -15.4127, 43.6193



30.5900, -15.0809, -16.3034



37.5580, 16.9799, -32.9384



39.3640, 21.5125, 6.6968

Rectangle

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



31.2630, -15.4127, 43.6193



36.9680, -18.2252, 12.3061



37.5580, 16.9799, -32.9384



36.0710, 29.0520, -31.6343

Sweetspot

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



31.2630, -15.4127, 43.6193



85.5030, -6.1640, 17.0989



32.1990, 18.6359, 42.7985



41.7410, -3.8163, 10.7511



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



31.2630, -15.4127, 43.6193



40.2000, -19.8186, 56.8296



54.1560, -26.6989, 23.5422



38.1960, -0.5896, 2.4591



89.3260, -44.0377, 125.1251

Inverse Universe

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



49.7370, 15.4127, -43.6193



64.2130, 20.1080, -56.3148



26.8440, 26.6989, -23.5422



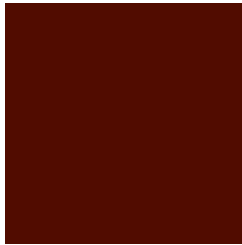
39.2170, 0.8790, -1.9443



142.6740, 44.0377, -125.1251

Previews

White Background



This preview shows how the YUV color 31.2630, -15.4127, 43.6193 looks on a white background.

Color Contrast Check

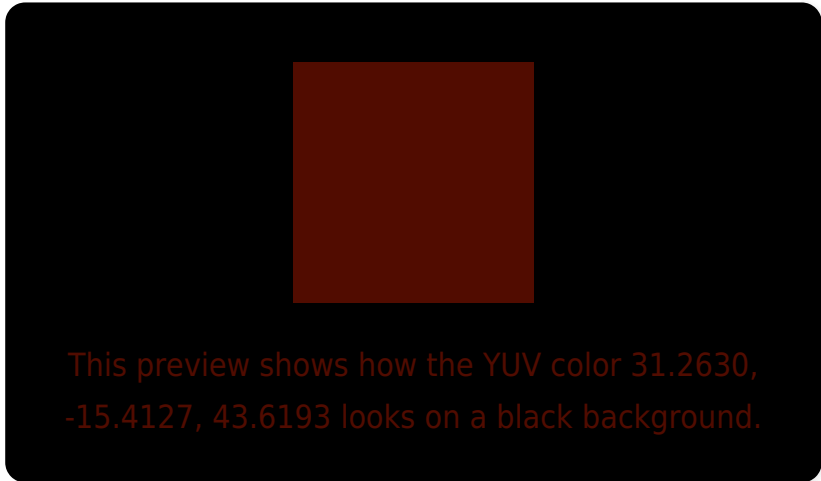
Large Text (above 18pt) WCAG AA ✓ Pass

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

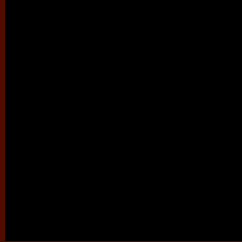
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.2630, -15.4127, 43.6193

Background



This preview shows how black text looks on a background with the YUV color 31.2630, -15.4127, 43.6193.



This preview shows how white text looks on a background with the YUV color 31.2630, -15.4127,

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



Protanopia

39.8470, -14.7146, 6.2732

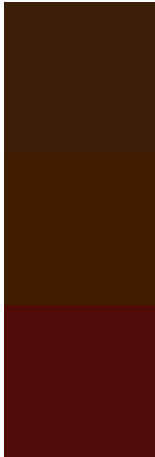
Deuteranopia

39.3270, -19.3882, 11.9912

Tritanopia

31.8160, -10.7553, 43.1344

Trichromacy



Protanomaly

36.5220, -15.0473, 19.7132

Deuteranomaly

36.4470, -17.9684, 23.2870

Tritanomaly

31.3600, -12.5025, 43.5343

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0190, -5.4324, 15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2630, -15.4127, 43.6193 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, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 12, 0)  
}
```

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, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 12, 0) }
```

Border

The CSS property to change the border of an element to YUV 31.2630, -15.4127, 43.6193 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, 12, 0) }
```

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

```
.border{ border-color:rgb(81, 12, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 12, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 12, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 12, 0); box-shadow:4px  
4px 4px 4px rgb(81, 12, 0) }
```

Background

The CSS property to change the background color of an element to YUV 31.2630, -15.4127, 43.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 12, 0) }
```

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

```
.background{ background-color: rgb(81, 12,  
0) }
```

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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