

Converting Colors

YUV(60.3150, -14.4523,
15.5097)

Have a look what the booklet for
YUV(60.3150, -14.4523, 15.5097)
contains.

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Color

**YUV(60.3150, -14.4523,
15.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	4E391F
RGB	78, 57, 31
RGB Percent	31%, 22%, 12%
CMY	0.6941, 0.7765, 0.8784
CMYK	0.00, 0.27, 0.60, 0.69
HSL	33°, 43%, 21%
HSV	33°, 60%, 31%
XYZ	4.8523, 4.6449, 1.9371
YIQ	60.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

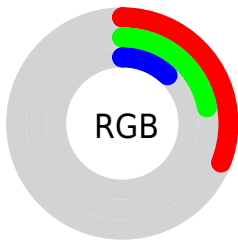
Format	Color
RYB	69, 78, 31
Decimal	5126431
CIELab	25.70, 5.75, 19.68
CIELCh	26, 20.505, 73.711
Yxy	4.6449, 0.4244, 0.4062
Android (android.graphics.Color)	4283316511 (0xFF4E391F)
YUV	60.3150, -14.4523, 15.5097
Hunter-Lab	21.5520, 2.4725, 9.7573

Details

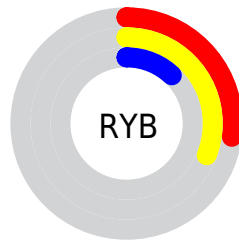
The YUV color **60.3150, -14.4523, 15.5097** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **48.6850, 14.4523, -15.5097**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2830, -15.9155, 18.1688**, and **18.3730, -9.0579, 11.9509** is the 20% darker color. If you saturate the color by 10%, you get **57.6420, -17.0785, 17.8540**, and if you desaturate by 10%, it is **62.9880, -11.8261, 13.1655**.

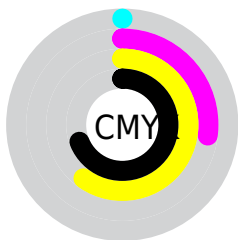
Distribution



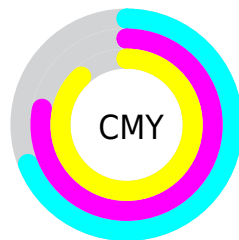
- Red (31%)
- Green (22%)
- Blue (12%)



- Red (27%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (69%)



- Cyan (69%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3150, -14.4523, 15.5097 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 60.3150, -14.4523, 15.5097 by changing the saturation by 10% instead.

■ 60.3150, -14.4523,
15.5097

■ 60.3150, -14.4523,
15.5097

■ 255.0000, 0.0000,
0.0000

■ 38.1900, -14.8837,
13.8654

■ 108.2830,
-15.9155, 18.1688

■ 18.3730, -9.0579,
11.9509

■ 133.4680,
-16.4997, 18.8836

■ 0.0000, 0.0000,
0.0000

■ 159.9520,
-17.2313, 20.2131

■ 187.1370,
-17.8155, 20.9279

■ 214.3220,
-18.3997, 21.6426

■ 239.3210,

-16.9203, 13.7505

■ 252.4920, -9.6096,
2.1995

■ 60.3150, -14.4523,
15.5097

■ 60.3150, -14.4523,
15.5097

■ 57.6420, -17.0785,
17.8540

■ 62.9880, -11.8261,
13.1655

■ 54.3820, -19.4153,
20.7130

■ 66.2480, -9.4893,
10.3065

■ 51.8230, -21.6047,
22.9572

■ 68.8070, -7.2999,
8.0623

■ 48.5630, -23.9416,
25.8162

■ 72.0670, -4.9630,
5.2032

■ 74.7400, -2.3368,
2.8590

■ 78.0000, 0.0000,
0.0000

■ 80.6730, 2.6262,
-2.3442

■ 83.8190, 4.5262,
-5.1033

■ 86.4920, 7.1524,
-7.4475

Harmonies

Analogous

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



61.3960, -10.5482, 23.3317



60.3150, -14.4523, 15.5097



58.9500, -14.2724, 4.4288

Triad

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



60.3150, -14.4523, 15.5097



48.2550, 9.7343, -42.3196



62.6880, 10.0138, 8.1666

Complementary

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



60.3150, -14.4523, 15.5097



48.6850, 14.4523, -15.5097

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.



60.2450, 15.1622, -9.8619



60.3150, -14.4523, 15.5097



49.2640, 16.1388, -43.2045

Square

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



60.3150, -14.4523, 15.5097



53.3190, -0.6503, -24.8358



53.7970, 17.8481, -31.3940



63.0440, 3.4293, 20.1324

Rectangle

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



60.3150, -14.4523, 15.5097



57.8780, -11.7719, -4.2780



53.7970, 17.8481, -31.3940



62.2250, 12.2141, 2.4337

Sweetspot

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



60.3150, -14.4523, 15.5097



95.2520, -5.5472, 5.9180



47.4470, 2.2446, 26.7950



46.8110, -3.3578, 3.6738



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



60.3150, -14.4523, 15.5097



74.3070, -22.3364, 24.2868



72.0440, -20.2347, 3.4694



36.9570, -1.4578, 0.9147



63.3700, -31.2414, 33.8785



143.3190, -70.6563, 76.0192

Inverse Universe

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



48.6850, 14.4523, -15.5097



56.1060, 22.6257, -23.7720



36.9560, 20.2347, -3.4694



35.6300, 1.1684, -1.4295



38.6300, 31.2414, -33.8785



86.6810, 70.6563, -76.0192

Previews

White Background



This preview shows how the YUV color 60.3150, -14.4523, 15.5097 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 60.3150, -14.4523, 15.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

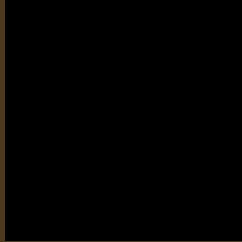
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.3150, -14.4523, 15.5097

Background



This preview shows how black text looks on a background with the YUV color 60.3150, -14.4523, 15.5097.

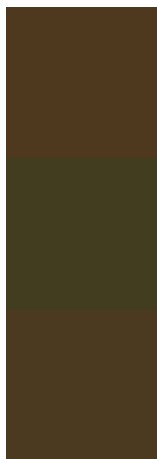


This preview shows how white text looks on a background with the YUV color 60.3150, -14.4523,

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

60.3150, -14.4523, 15.5097

Protanopia

59.4880, -13.5516, 6.5880

Deuteranopia

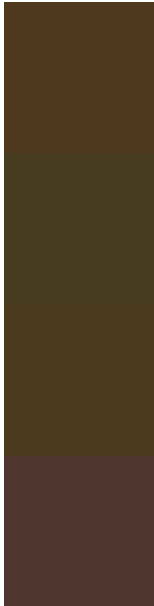
60.0050, -14.2995, 13.1506



Tritanopia

62.2300, -2.0854, 15.5843

Trichromacy



Original Color

60.3150, -14.4523, 15.5097

Protanomaly

60.0970, -13.8518, 9.5619

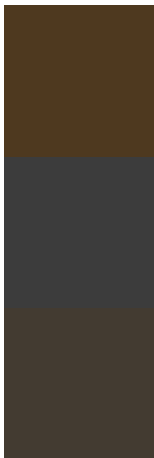
Deuteranomaly

60.3040, -14.4469, 13.7654

Tritanomaly

61.3780, -6.5954, 15.4545

Monochromacy



Original Color

60.3150, -14.4523, 15.5097

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2520, -5.5472, 5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3150, -14.4523, 15.5097 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(78, 57, 31)` looks like.

```
.text, #text, p{  
    color:rgb(78, 57, 31)  
}
```

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(78, 57, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 57, 31) }
```

Border

The CSS property to change the border of an element to YUV 60.3150, -14.4523, 15.5097 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(78, 57, 31) }
```


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

```
.border{ border-color:rgb(78, 57, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 57, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 57, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 57, 31);  
box-shadow:4px 4px 4px 4px rgb(78, 57, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.3150, -14.4523, 15.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 57, 31) }
```

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

```
.background{ background-color: rgb(78, 57,  
31) }
```

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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