

Converting Colors

YUV(63.7630, -14.1802,
-25.2252)

Have a look what the booklet for
YUV(63.7630, -14.1802, -25.2252)
contains.

YUV(63.7630, -14.1802, -25.2252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.7630, -14.1802,
-25.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	235423
RGB	35, 84, 35
RGB Percent	14%, 33%, 14%
CMY	0.8627, 0.6706, 0.8627
CMYK	0.58, 0.00, 0.58, 0.67
HSL	120°, 41%, 23%
HSV	120°, 58%, 33%
XYZ	4.1668, 6.8193, 2.6868
YIQ	63.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

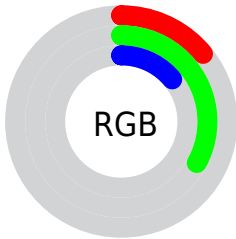
Format	Color
RYB	35, 84, 84
Decimal	2315299
CIELab	31.39, -27.97, 23.48
CIElCh	31, 36.524, 139.986
Yxy	6.8193, 0.3048, 0.4987
Android (android.graphics.Color)	4280505379 (0xFF235423)
YUV	63.7630, -14.1802, -25.2252
Hunter-Lab	26.1138, -17.2170, 12.1796

Details

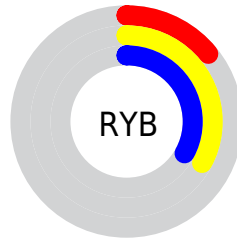
The YUV color **63.7630, -14.1802, -25.2252** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55.2370, 14.1802, 25.2252**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3070, -15.9274, -24.8252**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **60.4590, -16.4953, -29.3435**, and if you desaturate by 10%, it is **67.0670, -11.8650, -21.1068**.

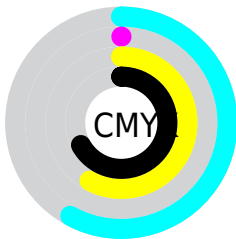
Distribution



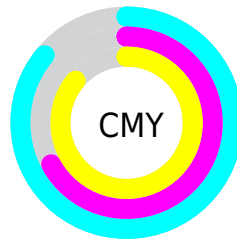
- Red (14%)
- Green (33%)
- Blue (14%)



- Red (14%)
- Yellow (33%)
- Blue (33%)



- Cyan (58%)
- Magenta (0%)
- Yellow (58%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7630, -14.1802, -25.2252 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 63.7630, -14.1802, -25.2252 by changing the saturation by 10% instead.

■ 63.7630, -14.1802,
-25.2252

■ 63.7630, -14.1802,
-25.2252

255.0000, 0.0000,
0.0000

■ 38.7950, -12.7169,
-27.8842

■ 113.3070,
-15.9274, -24.8252

■ 22.3060, -10.9969,
-19.5624

■ 139.4810,
-16.5061, -25.8548

■ 5.8700, -2.8939,
-5.1480

■ 165.9540,
-17.2323, -26.2697

■ 0.0000, 0.0000,
0.0000

■ 193.4270,
-17.9585, -26.6845

■ 221.3130,
-18.3953, -26.5845

■ 239.3340,

-13.4757, -17.8329

■ 251.3110, -5.0833,
-2.9037

■ 63.7630, -14.1802,
-25.2252

■ 63.7630, -14.1802,
-25.2252

■ 60.4590, -16.4953,
-29.3435

■ 67.0670, -11.8650,
-21.1068

■ 56.7420, -19.0998,
-33.9767

■ 70.7840, -9.2605,
-16.4736

■ 53.4380, -21.4149,
-38.0951

■ 74.0880, -6.9454,
-12.3552

■ 49.7210, -24.0195,
-42.7283

■ 77.8050, -4.3409,
-7.7220

■ 49.3080, -24.3088,
-43.2431

■ 81.1090, -2.0257,
-3.6036

■ 84.4130, 0.2894,
0.5148

■ 88.1300, 2.8939,
5.1480

■ 91.4340, 5.2090,
9.2664

■ 95.1510, 7.8136,
13.8996

Harmonies

Analogous

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



68.3120, -26.7758, 1.4804



63.7630, -14.1802, -25.2252



58.2510, 2.3413, -51.0861

Triad

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



63.7630, -14.1802, -25.2252



61.7800, 33.6325, -54.1811



72.2340, -8.0034, 47.1528

Complementary

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



63.7630, -14.1802, -25.2252



55.2370, 14.1802, 25.2252

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.



74.0450, 5.4008, 41.1795



63.7630, -14.1802, -25.2252



72.4260, 27.3980, -14.4056

Square

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



63.7630, -14.1802, -25.2252



63.2330, 26.5071, -55.4553



76.3010, 17.1066, 19.9070



72.2640, -20.3432, 38.3565

Rectangle

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



63.7630, -14.1802, -25.2252



61.1180, 10.7878, -53.6005



76.3010, 17.1066, 19.9070



72.6730, -3.7828, 46.7678

Sweetspot

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



63.7630, -14.1802, -25.2252



101.7400, -5.7878, -10.2960



78.4140, -21.4031, 4.8989



51.0440, -3.4727, -6.1776



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.



63.7630, -14.1802, -25.2252



78.1990, -22.2831, -39.6395



66.4990, -3.6970, -27.6246



39.3480, -1.1576, -2.0592



61.6350, -30.3861, -54.0539



136.1840, -67.1387, -119.4334

Inverse Universe

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



55.2370, 14.1802, 25.2252



64.8010, 22.2831, 39.6395



52.3870, 3.2602, 27.7246



38.6520, 1.1576, 2.0592



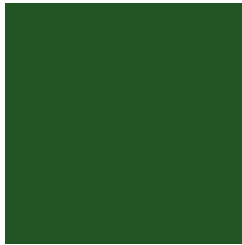
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 63.7630, -14.1802, -25.2252 looks on a white background.

Color Contrast Check

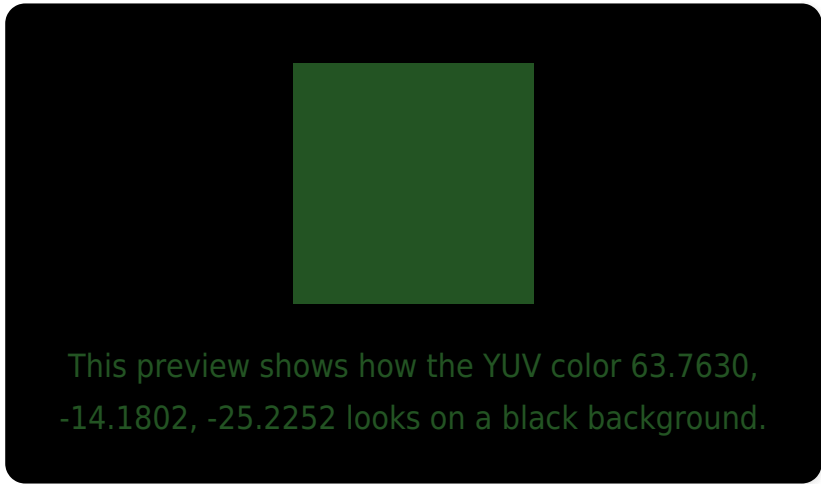
Large Text (above 18pt) WCAG AA ✓ Pass

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

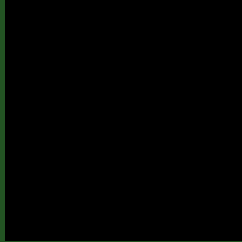
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7630, -14.1802, -25.2252

Background



This preview shows how black text looks on a background with the YUV color 63.7630, -14.1802, -25.2252.



This preview shows how white text looks on a background with the YUV color 63.7630, -14.1802, -25.2252.

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

63.7630, -14.1802, -25.2252

Protanopia

71.6040, -19.5248, 9.1173

Deuteranopia

72.4460, -16.4889, 15.3949



Tritanopia

70.1160, 7.3378, -20.2727

Trichromacy



Original Color

63.7630, -14.1802, -25.2252

Protanomaly

68.9830, -17.7396, -3.4931

Deuteranomaly

69.2870, -15.4245, 0.6253

Tritanomaly

68.0420, -0.5137, -21.9618

Monochromacy



Original Color

63.7630, -14.1802, -25.2252

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.5660, -5.2090, -9.2664

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7630, -14.1802, -25.2252 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(35, 84, 35)` looks like.

```
.text, #text, p{  
    color:rgb(35, 84, 35)  
}
```

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(35, 84, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 84, 35) }
```

Border

The CSS property to change the border of an element to YUV 63.7630, -14.1802, -25.2252 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(35, 84, 35) }
```


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

```
.border{ border-color:rgb(35, 84, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 84, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 84, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 84, 35);  
box-shadow:4px 4px 4px 4px rgb(35, 84, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7630, -14.1802, -25.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 84, 35) }
```

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

```
.background{ background-color: rgb(35, 84,  
35) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor