

Converting Colors

YUV(63.1150, 35.9323, 1.6531)

Have a look what the booklet for
YUV(63.1150, 35.9323, 1.6531)
contains.

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Color

**YUV(63.1150, 35.9323,
1.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	413088
RGB	65, 48, 136
RGB Percent	25%, 19%, 53%
CMY	0.7451, 0.8118, 0.4667
CMYK	0.52, 0.65, 0.00, 0.47
HSL	252°, 48%, 36%
HSV	252°, 65%, 53%
XYZ	7.6809, 5.0153, 23.8558
YIQ	63.1150, -18.1160, 30.9720

Conversions

Conversions Part 2

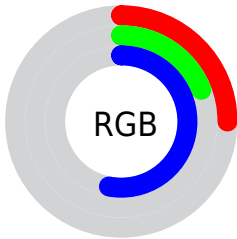
Format	Color
R_{YB}	65, 48, 136
Decimal	4272264
CIE _{Lab}	26.78, 31.78, -46.81
CIE _{LCh}	27, 56.583, 304.170
Yxy	5.0153, 0.2101, 0.1372
Android (android.graphics.Color)	4282462344 (0xFF413088)
YUV	63.1150, 35.9323, 1.6531
Hunter-Lab	22.3949, 22.0299, -47.4814

Details

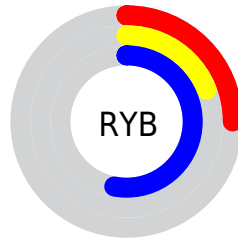
The YUV color **63.1150, 35.9323, 1.6531** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **120.8850, -35.9323, -1.6531**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0060, 37.9580, 5.2567**, and **12.6250, 35.6809, -11.0721** is the 20% darker color. If you saturate the color by 10%, you get **51.6080, 41.6053, 2.0978**, and if you desaturate by 10%, it is **74.6220, 30.2594, 1.2085**.

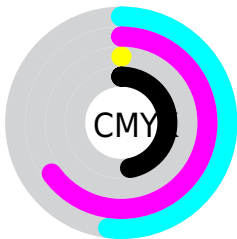
Distribution



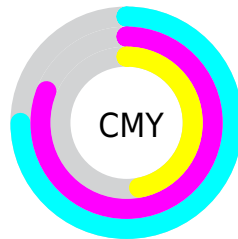
- Red (25%)
- Green (19%)
- Blue (53%)



- Red (25%)
- Yellow (19%)
- Blue (53%)



- Cyan (52%)
- Magenta (65%)
- Yellow (0%)
- Black (47%)



- Cyan (75%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1150, 35.9323, 1.6531 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 63.1150, 35.9323, 1.6531 by changing the saturation by 10% instead.

■ 63.1150, 35.9323,
1.6531

■ 63.1150, 35.9323,
1.6531

■ 255.0000, 0.0000,
0.0000

■ 38.8650, 35.0696,
-1.6356

■ 113.0060, 37.9580,
5.2567

■ 12.6250, 35.6809,
-11.0721

■ 138.9460, 38.9736,
6.1864

■ 6.9540, 26.6447,
-6.0987

■ 165.8860, 39.9892,
7.1160

■ 6.0930, 15.7302,
-5.3436

■ 191.3180, 31.3952,
10.2451

■ 2.4110, 6.6994,
-2.1144

■ 215.8380, 19.3069,
14.1741

■ 0.0000, 0.0000,
0.0000

■ 239.7380, 7.5242,

13.3848

■ 63.1150, 35.9323,
1.6531

■ 63.1150, 35.9323,
1.6531

■ 51.6080, 41.6053,
2.0978

■ 74.6220, 30.2594,
1.2085

■ 40.6880, 46.9888,
2.0276

■ 85.5420, 24.8758,
1.2787

■ 29.1810, 52.6618,
2.4723

■ 97.0490, 19.2028,
0.8340

■ 23.2780, 55.5719,
2.3872

■ 107.9690, 13.8193,
0.9042

■ 119.4760, 8.1463,
0.4595

■ 130.9830, 2.4734,
0.0149

■ 141.9030, -2.9102,
0.0851

■ 153.4100, -8.5831,
-0.3596

■ 164.3300,
-13.9667, -0.2894

Harmonies

Analogous

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



57.1300, 46.2779, -50.1030



63.1150, 35.9323, 1.6531



53.0680, 24.1235, 56.0684

Triad

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



63.1150, 35.9323, 1.6531



58.9950, -29.0845, 42.1004



55.2990, 6.2616, -48.4972

Complementary

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



63.1150, 35.9323, 1.6531



120.8850, -35.9323, -1.6531

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.



48.8810, -13.2523, -42.8686



63.1150, 35.9323, 1.6531



59.3950, -29.2817, 11.9316

Square

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



63.1150, 35.9323, 1.6531



47.2650, -14.9206, 72.5586



51.2120, -25.2475, -22.1109



60.2010, 25.0439, -52.7963

Rectangle

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



63.1150, 35.9323, 1.6531



47.9040, 12.8653, 73.7522



51.2120, -25.2475, -22.1109



53.0020, -0.0010, -46.4828

Sweetspot

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



63.1150, 35.9323, 1.6531



148.5560, 13.5299, 0.3894



100.2960, 17.6021, -45.8636



72.4760, 8.1463, 0.4595



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



63.1150, 35.9323, 1.6531



62.3920, 56.0087, 2.2872



75.9720, 29.5938, 28.0886



63.0970, 2.9102, -0.0851



22.9360, 54.2616, 2.6871



0.8690, 2.0366, 0.1149

Inverse Universe

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



82.4060, 18.0408, 47.0019



92.5030, 27.8530, 73.2269



108.0280, -29.5938, -28.0886



64.7770, 1.5889, 3.7036



51.9650, 27.1323, 71.0677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 63.1150, 35.9323, 1.6531 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 63.1150, 35.9323, 1.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

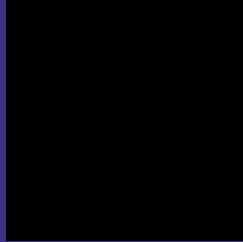
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1150, 35.9323, 1.6531

Background



This preview shows how black text looks on a background with the YUV color 63.1150, 35.9323, 1.6531.



This preview shows how white text looks on a background with the YUV color 63.1150, 35.9323,

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

63.1150, 35.9323, 1.6531

Protanopia

50.6270, 39.1309, -44.3999

Deuteranopia

50.9230, 30.1110, -44.6595



Tritanopia

61.1060, 5.8637, -14.1250

Trichromacy



Original Color

63.1150, 35.9323, 1.6531

Protanomaly

55.0960, 37.9137, -27.2712

Deuteranomaly

55.6030, 32.2407, -27.7158

Tritanomaly

61.7120, 16.9040, -8.5174

Monochromacy



Original Color

63.1150, 35.9323, 1.6531

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.4420, 13.0931, 0.4894

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1150, 35.9323, 1.6531 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(65, 48, 136)` looks like.

```
.text, #text, p{  
    color:rgb(65, 48, 136)  
}
```

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(65, 48, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 48, 136) }
```

Border

The CSS property to change the border of an element to YUV 63.1150, 35.9323, 1.6531 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(65, 48, 136) }
```


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

```
.border{ border-color:rgb(65, 48, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 48, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 48, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 48, 136);  
box-shadow:4px 4px 4px 4px rgb(65, 48,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 63.1150, 35.9323, 1.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 48, 136) }
```

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

```
.background{ background-color: rgb(65, 48,  
136) }
```

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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