

Converting Colors

YUV(35.8330, 63.6793,
-31.4255)

Have a look what the booklet for
YUV(35.8330, 63.6793, -31.4255)
contains.

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Color

**YUV(35.8330, 63.6793,
-31.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	001DA5
RGB	0, 29, 165
RGB Percent	0%, 11%, 65%
CMY	1.0000, 0.8863, 0.3529
CMYK	1.00, 0.82, 0.00, 0.35
HSL	229°, 100%, 32%
HSV	229°, 100%, 65%
XYZ	7.2309, 3.5953, 35.9102
YIQ	35.8330, -60.9400, 36.1480

Conversions

Conversions Part 2

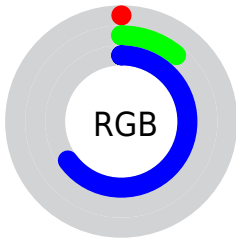
Format	Color
RYB	0, 25, 165
Decimal	7589
CIELab	22.29, 46.84, -72.17
CIELCh	22, 86.037, 302.983
Yxy	3.5953, 0.1547, 0.0769
Android (android.graphics.Color)	4278197669 (0xFF001DA5)
YUV	35.8330, 63.6793, -31.4255
Hunter-Lab	18.9614, 34.8883, -99.0139

Details

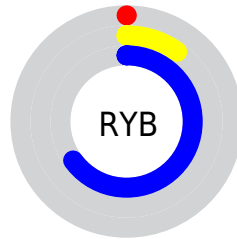
The YUV color **35.8330, 63.6793, -31.4255** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **129.1670, -63.6793, 31.4255**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3140, 60.9772, -4.6604**, and **12.7680, 48.9214, -11.1975** is the 20% darker color. If you saturate the color by 10%, you get **35.8330, 63.6793, -31.4255**, and if you desaturate by 10%, it is **48.8350, 57.2693, -28.7963**.

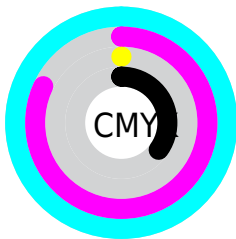
Distribution



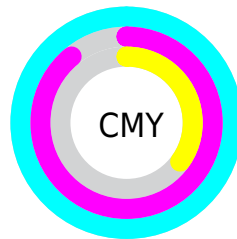
- Red (0%)
- Green (11%)
- Blue (65%)



- Red (0%)
- Yellow (10%)
- Blue (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8330, 63.6793, -31.4255 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 35.8330, 63.6793, -31.4255 by changing the saturation by 10% instead.

■ 35.8330, 63.6793,
-31.4255

■ 35.8330, 63.6793,
-31.4255

■ 255.0000, 0.0000,
0.0000

■ 19.2540, 58.5418,
-16.8858

■ 97.3140, 60.9772,
-4.6604

■ 12.7680, 48.9214,
-11.1975

■ 124.3900, 62.4187,
-0.3420

■ 10.3910, 37.2752,
-9.1129

■ 149.0780, 52.2195,
4.3166

■ 10.5900, 25.3451,
-9.2874

■ 173.3100, 40.2732,
9.3751

■ 6.2070, 16.1669,
-5.4435

■ 198.1290, 28.0374,
13.9189

■ 2.4110, 6.6994,
-2.1144

■ 223.8340, 15.3648,

■ 0.0000, 0.0000,

18.5626

0.0000

■ 243.8470, 5.4984,
9.7812

■ 35.8330, 63.6793,
-31.4255

■ 48.8350, 57.2693,
-28.7963

■ 61.5490, 51.0013,
-25.0375

■ 74.8500, 44.4440,
-21.7934

■ 87.2650, 38.3234,
-18.6494

■ 100.2670, 31.9134,
-16.0202

■ 113.5680, 25.3560,
-12.7761

■ 125.9830, 19.2354,
-9.6321

■ 139.2840, 12.6780,
-6.3881

■ 151.6990, 6.5574,
-3.2440

Harmonies

Analogous

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



58.8860, 63.1602, -51.6430



35.8330, 63.6793, -31.4255



50.8550, 30.6375, 66.7792

Triad

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



35.8330, 63.6793, -31.4255



41.3960, -20.4082, 59.2887



49.5770, 4.6455, -43.4790

Complementary

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



35.8330, 63.6793, -31.4255



129.1670, -63.6793, 31.4255

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.



41.6770, -20.5468, -36.5507



35.8330, 63.6793, -31.4255



49.9370, -24.6189, 9.7023

Square

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



35.8330, 63.6793, -31.4255



42.7570, -21.0792, 87.9131



38.7420, -19.0998, -33.9767



58.0470, 32.0218, -50.9072

Rectangle

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



35.8330, 63.6793, -31.4255



52.6450, 9.0490, 84.5033



38.7420, -19.0998, -33.9767



46.9550, -5.4008, -41.1795

Sweetspot

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



35.8330, 63.6793, -31.4255



163.7530, 24.7718, -12.0614



112.2450, 11.2182, -98.4389



76.8540, 14.8620, -6.8880



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



35.8330, 63.6793, -31.4255



46.7020, 82.4779, -40.9577



34.3580, 64.4065, 15.4720



75.2000, 3.3524, -1.9294



31.7920, 55.8115, -27.8816



3.8130, 6.9942, -3.3440

Inverse Universe

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



52.6410, -11.6550, 98.5388



68.3180, -14.9468, 127.7631



130.6420, -64.4065, -15.4720



75.9190, -0.4531, 5.3330



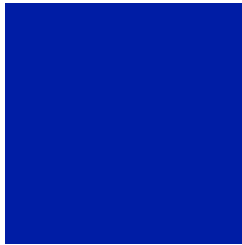
46.3190, -10.0173, 86.5432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 35.8330, 63.6793, -31.4255 looks on a white background.

Color Contrast Check

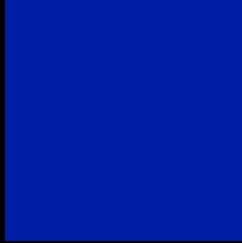
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8330, 63.6793, -31.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

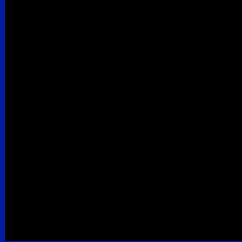
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.8330, 63.6793, -31.4255

Background



This preview shows how black text looks on a background with the YUV color 35.8330, 63.6793, -31.4255.



This preview shows how white text looks on a background with the YUV color 35.8330, 63.6793,

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

35.8330, 63.6793, -31.4255

Protanopia

43.6510, 32.7101, -38.2819

Deuteranopia

43.5880, 24.8531, -38.2267



Tritanopia

42.9890, 9.8654, -37.7014

Trichromacy



Original Color

35.8330, 63.6793, -31.4255

Protanomaly

40.6480, 44.0505, -35.6483

Deuteranomaly

40.6820, 39.1038, -35.6781

Tritanomaly

40.1630, 29.4996, -35.2230

Monochromacy



Original Color

35.8330, 63.6793, -31.4255

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7100, 23.3140, -11.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8330, 63.6793, -31.4255 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(0, 29, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 165)  
}
```

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(0, 29, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 165) }
```

Border

The CSS property to change the border of an element to YUV 35.8330, 63.6793, -31.4255 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(0, 29, 165) }
```


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

```
.border{ border-color:rgb(0, 29, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 29, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 29, 165)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.8330, 63.6793, -31.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 165) }
```

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

```
.background{ background-color: rgb(0, 29,  
165) }
```

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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