

Converting Colors

YUV(153.7230, 33.6606,
-16.4201)

Have a look what the booklet for
YUV(153.7230, 33.6606, -16.4201)
contains.

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Color

**YUV(153.7230, 33.6606,
-16.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	8796DE
RGB	135, 150, 222
RGB Percent	53%, 59%, 87%
CMY	0.4706, 0.4118, 0.1294
CMYK	0.39, 0.32, 0.00, 0.13
HSL	230°, 57%, 70%
HSV	230°, 39%, 87%
XYZ	34.0828, 32.2375, 73.5333
YIQ	153.7230, -32.0520, 19.2120

Conversions

Conversions Part 2

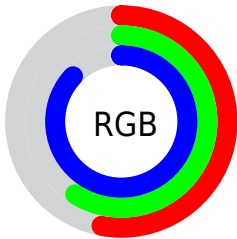
Format	Color
RYB	135, 148, 222
Decimal	8885982
CIELab	63.54, 12.38, -38.34
CIELCh	64, 40.286, 287.904
Yxy	32.2375, 0.2437, 0.2305
Android (android.graphics.Color)	4287076062 (0xFF8796DE)
YUV	153.7230, 33.6606, -16.4201
Hunter-Lab	56.7781, 7.7886, -37.0419

Details

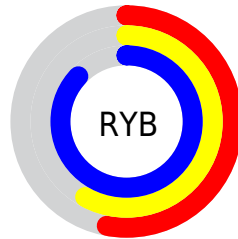
The YUV color $153.7230, 33.6606, -16.4201$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $203.2770, -33.6606, 16.4201$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.9270, 24.1930, -13.0910$, and $101.2560, 31.9188, -17.7645$ is the 20% darker color. If you saturate the color by 10%, you get $136.5790, 42.1126, -20.6788$, and if you desaturate by 10%, it is $170.8670, 25.2086, -12.1614$.

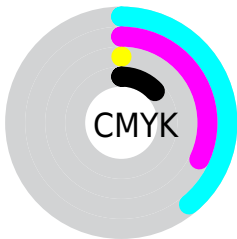
Distribution



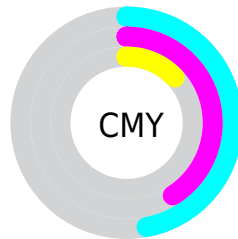
- Red (53%)
- Green (59%)
- Blue (87%)



- Red (53%)
- Yellow (58%)
- Blue (87%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7230, 33.6606, -16.4201 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 153.7230, 33.6606, -16.4201 by changing the saturation by 10% instead.

■ 153.7230, 33.6606,
-16.4201

■ 153.7230, 33.6606,
-16.4201

255.0000, 0.0000,
0.0000

■ 127.1960, 32.9344,
-16.8349

■ 205.9270, 24.1930,
-13.0910

■ 101.2560, 31.9188,
-17.7645

■ 231.0340, 11.8152,
-9.6768

■ 76.4190, 31.3454,
-20.5385

■ 253.2060, 0.8844,
-3.6887

■ 50.3860, 31.3617,
-25.7715

■ 29.5170, 29.3251,
-25.8864

■ 13.2800, 25.4980,
-11.6466

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 153.7230, 33.6606,
-16.4201

■ 153.7230, 33.6606,
-16.4201

■ 136.5790, 42.1126,
-20.6788

■ 170.8670, 25.2086,
-12.1614

■ 118.8480, 50.8539,
-24.4227

■ 188.5980, 16.4672,
-8.4174

■ 101.4050, 59.4533,
-29.2962

■ 206.0410, 7.8678,
-3.5440

■ 84.2610, 67.9053,
-33.5549

■ 223.1850, -0.5842,
0.7148

■ 66.5300, 76.6467,
-37.2988

■ 240.9160, -9.3256,
4.4587

■ 49.3860, 85.0987,
-41.5575

■ 251.2380,
-14.4143, 3.2993

■ 47.6140, 85.9723,
-41.7575

Harmonies

Analogous

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



139.9510, 40.9432, -65.7320



153.7230, 33.6606, -16.4201



158.4630, 21.4637, 22.3959

Triad

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



153.7230, 33.6606, -16.4201



153.9730, -25.6227, 51.7667



135.2340, 1.3636, -64.2262

Complementary

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



153.7230, 33.6606, -16.4201



203.2770, -33.6606, 16.4201

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.



143.9710, -19.7057, -26.2846



153.7230, 33.6606, -16.4201



152.2620, -34.1462, 32.2192

Square

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



153.7230, 33.6606, -16.4201



155.9150, -10.8041, 58.8335



149.2540, -32.1702, 5.0392



121.5010, 26.3750, -106.5564

Rectangle

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



153.7230, 33.6606, -16.4201



158.0650, 11.8000, 42.0390



149.2540, -32.1702, 5.0392



139.2590, -6.5367, -50.2161

Sweetspot

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



153.7230, 33.6606, -16.4201



231.0560, 11.8044, -6.1881



194.1630, 5.8356, -51.8860



113.8130, 6.9942, -3.3440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.7230, 33.6606, -16.4201



161.0070, 46.3385, -22.8081



153.2900, 33.8740, 8.5157



103.4280, 4.2260, -2.1294



37.6740, 68.1947, -33.0401



10.1680, 18.6512, -8.9173

Inverse Universe

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



162.7230, -6.2724, 51.9859



173.2740, -8.5161, 71.6737



203.7100, -33.8740, -8.5157



104.5170, -0.7479, 6.5626



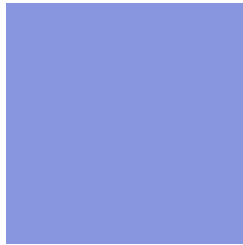
56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 153.7230, 33.6606, -16.4201 looks on a white background.

Color Contrast Check

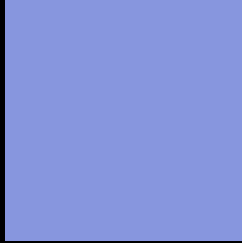
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.7230, 33.6606, -16.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

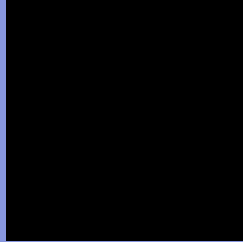
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7230, 33.6606, -16.4201 Background



This preview shows how black text looks on a background with the YUV color 153.7230, 33.6606, -16.4201.



This preview shows how white text looks on a background with the YUV color 153.7230, 33.6606, -16.4201.

-16.4201.

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

153.7230, 33.6606, -16.4201

Protanopia

152.9290, 34.5450, -20.1087

Deuteranopia

152.5050, 34.2610, -22.3679



Tritanopia

150.4190, 11.1324, -24.0465

Trichromacy



Original Color

153.7230, 33.6606, -16.4201

Protanomaly

153.5270, 34.2502, -18.8792

Deuteranomaly

152.8150, 34.1082, -20.0088

Tritanomaly

151.3190, 19.5627, -21.3278

Monochromacy



Original Color

153.7230, 33.6606, -16.4201

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1700, 12.2412, -6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7230, 33.6606, -16.4201 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(135, 150, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 222)  
}
```

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(135, 150, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 222) }
```

Border

The CSS property to change the border of an element to YUV 153.7230, 33.6606, -16.4201 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(135, 150, 222) }
```


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

```
.border{ border-color:rgb(135, 150, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 153.7230, 33.6606, -16.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 222) }
```

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

```
.background{ background-color: rgb(135,  
150, 222) }
```

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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