

Converting Colors

YUV(63.0660, 33.4915, -8.8279)

Have a look what the booklet for
YUV(63.0660, 33.4915, -8.8279)
contains.

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Color

**YUV(63.0660, 33.4915,
-8.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	353783
RGB	53, 55, 131
RGB Percent	21%, 22%, 51%
CMY	0.7922, 0.7843, 0.4863
CMYK	0.60, 0.58, 0.00, 0.49
HSL	238°, 42%, 36%
HSV	238°, 60%, 51%
XYZ	6.9311, 5.1280, 22.0972
YIQ	63.0660, -25.5880, 23.2120

Conversions

Conversions Part 2

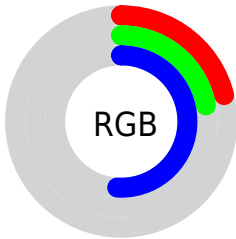
Format	Color
R_{YB}	53, 55, 131
Decimal	3487619
CIE Lab	27.10, 23.13, -43.23
CIE LCh	27, 49.029, 298.154
Yxy	5.1280, 0.2029, 0.1501
Android (android.graphics.Color)	4281677699 (0xFF353783)
YUV	63.0660, 33.4915, -8.8279
Hunter-Lab	22.6450, 15.0061, -42.0043

Details

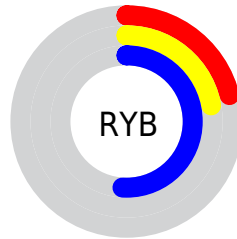
The YUV color **63.0660, 33.4915, -8.8279** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.9340, -33.4915, 8.8279**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9570, 35.5172, -5.2243**, and **17.4520, 31.3292, -15.3054** is the 20% darker color. If you saturate the color by 10%, you get **51.5480, 39.1698, -10.1276**, and if you desaturate by 10%, it is **74.5840, 27.8131, -7.5282**.

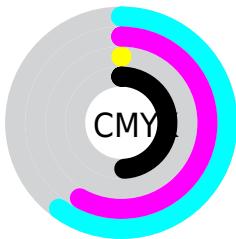
Distribution



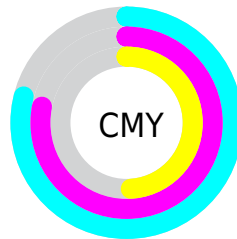
- Red (21%)
- Green (22%)
- Blue (51%)



- Red (21%)
- Yellow (22%)
- Blue (51%)



- Cyan (60%)
- Magenta (58%)
- Yellow (0%)
- Black (49%)



- Cyan (79%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0660, 33.4915, -8.8279 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 63.0660, 33.4915, -8.8279 by changing the saturation by 10% instead.

■ 63.0660, 33.4915,
-8.8279

■ 63.0660, 33.4915,
-8.8279

■ 255.0000, 0.0000,
0.0000

■ 38.5060, 32.7815,
-14.4758

■ 112.9570, 35.5172,
-5.2243

■ 17.4520, 31.3292,
-15.3054

■ 138.8970, 36.5328,
-4.2947

■ 6.4980, 24.8975,
-5.6987

■ 165.7230, 37.1116,
-3.2651

■ 5.1640, 14.7091,
-4.5288

■ 191.5400, 31.2858,
-1.3506

■ 1.0260, 3.9312,
-0.8998

■ 216.0600, 19.1974,
2.5784

■ 0.0000, 0.0000,
0.0000

■ 241.1670, 6.8197,

5.9925

■ 63.0660, 33.4915,
-8.8279

■ 63.0660, 33.4915,
-8.8279

■ 51.5480, 39.1698,
-10.1276

■ 74.5840, 27.8131,
-7.5282

■ 40.0300, 44.8482,
-11.4273

■ 86.1020, 22.1347,
-6.2285

■ 29.0990, 50.2372,
-13.2418

■ 97.0330, 16.7457,
-4.4139

■ 17.5810, 55.9156,
-14.5415

■ 108.5510, 11.0674,
-3.1142

■ 16.6950, 56.3524,
-14.6415

■ 120.3680, 5.2416,
-1.1997

■ 131.8860, -0.4368,
0.1000

■ 142.8170, -5.8258,
1.9145

■ 154.3350,
-11.5042, 3.2142

■ 165.8530,
-17.1825, 4.5139

Harmonies

Analogous

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



57.0500, 40.8944, -50.0328



63.0660, 33.4915, -8.8279



62.9210, 20.2519, 37.7803

Triad

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



63.0660, 33.4915, -8.8279



59.0060, -29.0900, 43.8447



53.9140, 3.4934, -47.2826

Complementary

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



63.0660, 33.4915, -8.8279



120.9340, -33.4915, 8.8279

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.



47.4790, -13.5471, -41.6391



63.0660, 33.4915, -8.8279



60.6130, -29.8822, 17.8794

Square

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



63.0660, 33.4915, -8.8279



54.7090, -11.6885, 62.5222



55.7190, -27.4695, -9.4006



58.2460, 20.0917, -51.0817

Rectangle

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



63.0660, 33.4915, -8.8279



55.6910, 12.4773, 58.1530



55.7190, -27.4695, -9.4006



51.7310, -2.3324, -45.3681

Sweetspot

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



63.0660, 33.4915, -8.8279



144.1210, 13.2513, -3.6141



107.3360, 10.1874, -47.6527



70.1660, 8.2992, -1.8996



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



63.0660, 33.4915, -8.8279



65.5550, 51.9844, -13.6417



72.6560, 28.7636, 14.3337



60.6840, 2.6208, -0.5999



16.5810, 55.9156, -14.5415



0.3420, 1.3104, -0.2999

Inverse Universe

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



76.5500, -10.6241, 47.7527



86.5210, -16.5259, 74.0881



111.3440, -28.7636, -14.3337



61.7940, -0.8844, 3.6887



39.2120, -17.8525, 79.6211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 63.0660, 33.4915, -8.8279 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 63.0660, 33.4915, -8.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

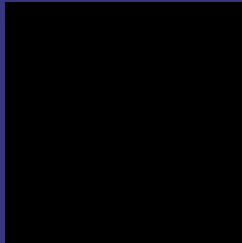
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0660, 33.4915, -8.8279

Background



This preview shows how black text looks on a background with the YUV color 63.0660, 33.4915, -8.8279.



This preview shows how white text looks on a background with the YUV color 63.0660, 33.4915,

-8.8279.

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

63.0660, 33.4915, -8.8279

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.7380, 30.6952, -45.3742



Tritanopia

58.1260, 8.8119, -26.4205

Trichromacy



Original Color

63.0660, 33.4915, -8.8279

Protanomaly

55.2480, 37.3457, -31.7895

Deuteranomaly

55.7550, 31.6728, -32.2341

Tritanomaly

60.1620, 17.6681, -20.3131

Monochromacy



Original Color

63.0660, 33.4915, -8.8279

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0660, 33.4915, -8.8279 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(53, 55, 131)` looks like.

```
.text, #text, p{  
    color:rgb(53, 55, 131)  
}
```

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(53, 55, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 55, 131) }
```

Border

The CSS property to change the border of an element to YUV 63.0660, 33.4915, -8.8279 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(53, 55, 131) }
```


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

```
.border{ border-color:rgb(53, 55, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 55, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 55, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 55, 131);  
box-shadow:4px 4px 4px 4px rgb(53, 55,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 63.0660, 33.4915, -8.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 55, 131) }
```

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

```
.background{ background-color: rgb(53, 55,  
131) }
```

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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