

Converting Colors

YUV(62.6900, 33.6768,
-21.6531)

Have a look what the booklet for
YUV(62.6900, 33.6768, -21.6531)
contains.

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Color

**YUV(62.6900, 33.6768,
-21.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	263E83
RGB	38, 62, 131
RGB Percent	15%, 24%, 51%
CMY	0.8510, 0.7569, 0.4863
CMYK	0.71, 0.53, 0.00, 0.49
HSL	225°, 55%, 33%
HSV	225°, 71%, 51%
XYZ	6.6187, 5.4960, 22.1847
YIQ	62.6900, -36.4530, 16.3710

Conversions

Conversions Part 2

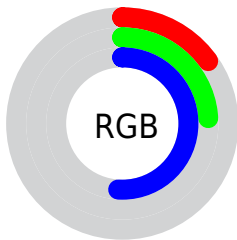
Format	Color
R_{YB}	38, 57, 131
Decimal	2506371
CIE _{Lab}	28.10, 15.60, -41.65
CIE _{LCh}	28, 44.474, 290.541
Yxy	5.4960, 0.1930, 0.1602
Android (android.graphics.Color)	4280696451 (0xFF263E83)
YUV	62.6900, 33.6768, -21.6531
Hunter-Lab	23.4436, 9.3686, -39.6958




Details

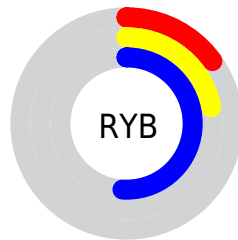
The YUV color **62.6900, 33.6768, -21.6531** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.3100, -33.6768, 21.6531**, and the grayscale version is **62.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.4780, 35.2603, -16.2052**, and **21.5610, 29.3034, -18.9090** is the 20% darker color. If you saturate the color by 10%, you get **52.9330, 38.4870, -24.4972**, and if you desaturate by 10%, it is **72.4470, 28.8666, -18.8090**.

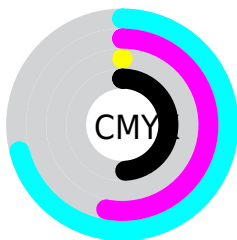
Distribution







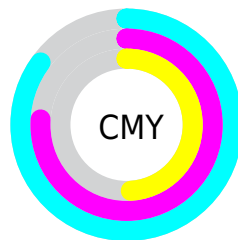
-  Red (15%)
-  Green (24%)
-  Blue (51%)






-  Red (15%)
-  Yellow (22%)
-  Blue (51%)



-  Cyan (71%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (76%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6900, 33.6768, -21.6531 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 62.6900, 33.6768, -21.6531 by changing the saturation by 10% instead.

■ 62.6900, 33.6768,
-21.6531

■ 62.6900, 33.6768,
-21.6531

■ 255.0000, 0.0000,
0.0000

■ 36.0370, 33.9988,
-31.6044

■ 113.4780, 35.2603,
-16.2052

■ 21.5610, 29.3034,
-18.9090

■ 139.4180, 36.2759,
-15.2756

■ 6.4980, 24.8975,
-5.6987

■ 166.2440, 36.8547,
-14.2460

■ 5.1640, 14.7091,
-4.5288

■ 192.0610, 31.0289,
-12.3315

■ 1.0260, 3.9312,
-0.8998

■ 217.1680, 18.6512,
-8.9173

■ 0.0000, 0.0000,
0.0000

■ 242.2750, 6.2734,

-5.5032

■ 62.6900, 33.6768,
-21.6531

■ 62.6900, 33.6768,
-21.6531

■ 52.9330, 38.4870,
-24.4972

■ 72.4470, 28.8666,
-18.8090

■ 43.7630, 43.0078,
-27.8562

■ 81.6170, 24.3458,
-15.4501

■ 34.8920, 47.3812,
-30.6003

■ 91.3740, 19.5356,
-12.6060

■ 101.1310, 14.7254,
-9.7619

■ 111.1870, 9.7678,
-6.3030

■ 120.3570, 5.2470,
-2.9441

■ 130.1140, 0.4368,
-0.1000

■ 139.8710, -4.3734,
2.7441

■ 149.0410, -8.8942,
6.1030

Harmonies

Analogous

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



58.7140, 37.1160, -51.4922



62.6900, 33.6768, -21.6531



67.6590, 20.8741, 24.8551

Triad

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



62.6900, 33.6768, -21.6531



62.4560, -24.8748, 45.2041



53.7030, 0.1464, -47.0975

Complementary

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



62.6900, 33.6768, -21.6531



106.3100, -33.6768, 21.6531

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.



49.0340, -15.2998, -39.4948



62.6900, 33.6768, -21.6531



63.0160, -31.0669, 24.5420

Square

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



62.6900, 33.6768, -21.6531



60.4140, -7.5991, 57.5189



59.9050, -29.5332, -0.7937



58.2800, 15.1450, -51.1116

Rectangle

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



62.6900, 33.6768, -21.6531



64.0160, 12.8101, 44.7130



59.9050, -29.5332, -0.7937



51.7480, -4.8058, -45.3830

Sweetspot

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



62.6900, 33.6768, -21.6531



144.3870, 13.1202, -8.2324



100.3430, 2.7889, -54.6748



71.0300, 7.8732, -5.2883



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.



62.6900, 33.6768, -21.6531



64.2490, 52.6282, -33.5444



55.1800, 37.3793, 4.2271



61.2710, 2.3314, -1.1147



34.7780, 46.9444, -30.5003



0.9290, 1.0210, -0.8147

Inverse Universe

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



68.5430, -3.2257, 54.7748



73.5730, -5.2125, 85.4435



113.8200, -37.3793, -4.2271



61.9080, -0.4476, 3.5887



42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 62.6900, 33.6768, -21.6531 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 62.6900, 33.6768, -21.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

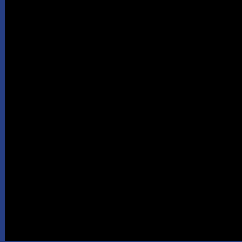
Any Text WCAG AA × Fail

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 62.6900, 33.6768, -21.6531 Background



This preview shows how black text looks on a background with the YUV color 62.6900, 33.6768, -21.6531.



This preview shows how white text looks on a background with the YUV color 62.6900, 33.6768,

-21.6531.

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

62.6900, 33.6768, -21.6531

Protanopia

58.1120, 36.9198, -35.1782

Deuteranopia

53.3680, 31.8636, -46.8037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

62.6900, 33.6768, -21.6531

Protanomaly

59.5040, 35.7405, -30.2600

Deuteranomaly

56.9500, 32.5627, -37.6671

Tritanomaly

56.4480, 20.4851, -37.2269

Monochromacy



Original Color

62.6900, 33.6768, -21.6531

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1590, 12.2466, -8.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6900, 33.6768, -21.6531 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(38, 62, 131)` looks like.

```
.text, #text, p{  
    color:rgb(38, 62, 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(38, 62, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 62, 131) }
```

Border

The CSS property to change the border of an element to YUV 62.6900, 33.6768, -21.6531 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(38, 62, 131) }
```


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

```
.border{ border-color:rgb(38, 62, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 62, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 62, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 62, 131);  
box-shadow:4px 4px 4px 4px rgb(38, 62,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 62.6900, 33.6768, -21.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 62, 131) }
```

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

```
.background{ background-color: rgb(38, 62,  
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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