

Converting Colors

YUV(60.6410, 51.4490,
-28.6262)

Have a look what the booklet for
YUV(60.6410, 51.4490, -28.6262)
contains.

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Color

**YUV(60.6410, 51.4490,
-28.6262)**

Conversions

Conversions Part 1

Format	Color
Hex	1C39A5
RGB	28, 57, 165
RGB Percent	11%, 22%, 65%
CMY	0.8902, 0.7765, 0.3529
CMYK	0.83, 0.65, 0.00, 0.35
HSL	227°, 71%, 38%
HSV	227°, 83%, 65%
XYZ	8.7335, 5.8897, 36.2738
YIQ	60.6410, -51.9520, 27.4400

Conversions

Conversions Part 2

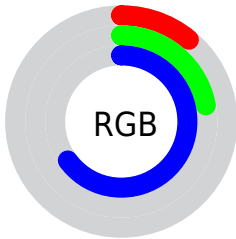
Format	Color
R_{YB}	28, 52, 165
Decimal	1849765
CIE _{Lab}	29.13, 31.09, -60.83
CIE _{LCh}	29, 68.315, 297.070
Yxy	5.8897, 0.1716, 0.1157
Android (android.graphics.Color)	4280039845 (0xFF1C39A5)
YUV	60.6410, 51.4490, -28.6262
Hunter-Lab	24.2688, 21.7659, -71.6308

Details

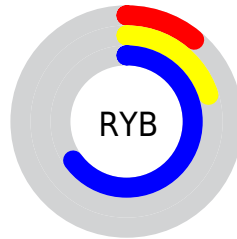
The YUV color **60.6410, 51.4490, -28.6262** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **132.3590, -51.4490, 28.6262**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5440, 51.9898, -15.3861**, and **22.7470, 44.0017, -19.9491** is the 20% darker color. If you saturate the color by 10%, you get **47.9270, 57.7170, -32.3850**, and if you desaturate by 10%, it is **73.0560, 45.3284, -25.4821**.

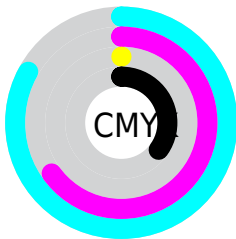
Distribution



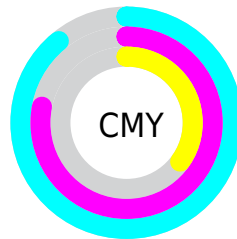
- Red (11%)
- Green (22%)
- Blue (65%)



- Red (11%)
- Yellow (20%)
- Blue (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (78%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6410, 51.4490, -28.6262 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 60.6410, 51.4490, -28.6262 by changing the saturation by 10% instead.

■ 60.6410, 51.4490,
-28.6262

■ 60.6410, 51.4490,
-28.6262

■ 255.0000, 0.0000,
0.0000

■ 36.8640, 49.8600,
-32.3297

■ 115.5440, 51.9898,
-15.3861

■ 22.7470, 44.0017,
-19.9491

■ 142.4950, 53.0000,
-12.7121

■ 9.9180, 38.0014,
-8.6981

■ 166.9980, 43.3850,
-8.7682

■ 10.5900, 25.3451,
-9.2874

■ 191.8170, 31.1492,
-4.2245

■ 6.2070, 16.1669,
-5.4435

■ 216.6360, 18.9135,
0.3192

■ 2.5250, 7.1362,
-2.2144

■ 242.6290, 6.0989,

■ 0.0000, 0.0000,

3.8334

0.0000

■ 60.6410, 51.4490,
-28.6262

■ 60.6410, 51.4490,
-28.6262

■ 47.9270, 57.7170,
-32.3850

■ 73.0560, 45.3284,
-25.4821

■ 39.3550, 61.9430,
-34.5143

■ 85.7700, 39.0604,
-21.7233

■ 98.1850, 32.9398,
-18.5792

■ 110.8990, 26.6718,
-14.8204

■ 123.3140, 20.5512,
-11.6764

■ 136.0280, 14.2832,
-7.9176

■ 148.4430, 8.1626,
-4.7735

■ 161.1570, 1.8946,
-1.0147

■ 173.5720, -4.2260,
2.1294

Harmonies

Analogous

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



65.9640, 54.7407, -57.8504



60.6410, 51.4490, -28.6262



53.9020, 36.0373, 61.4759

Triad

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



60.6410, 51.4490, -28.6262



59.9910, -29.5756, 59.6439



58.7240, 1.6151, -51.5009

Complementary

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



60.6410, 51.4490, -28.6262



132.3590, -51.4490, 28.6262

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.



49.8950, -24.5982, -43.7579



60.6410, 51.4490, -28.6262



64.7660, -31.9296, 21.2532

Square

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



60.6410, 51.4490, -28.6262



48.2980, -11.4859, 90.9467



56.8380, -28.0211, -19.1519



65.4670, 24.9128, -57.4146

Rectangle

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



60.6410, 51.4490, -28.6262



54.6690, 19.3902, 80.9743



56.8380, -28.0211, -19.1519



55.9710, -6.3947, -49.0866

Sweetspot

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



60.6410, 51.4490, -28.6262



173.4990, 19.9670, -10.9616



120.6170, 7.0908, -81.2251



82.7570, 11.9518, -6.8029



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.



60.6410, 51.4490, -28.6262



50.8110, 80.4522, -44.5612



55.2790, 54.0925, 10.2793



75.2000, 3.3524, -1.9294



34.7270, 54.3646, -30.4556



4.4000, 6.7048, -3.8588

Inverse Universe

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



72.2690, -7.5276, 81.3251



69.1160, -11.8892, 127.0633



137.7210, -54.0925, -10.2793



75.9190, -0.4531, 5.3330



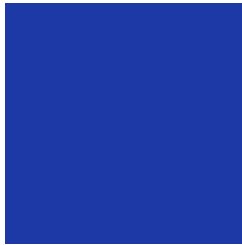
46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 60.6410, 51.4490, -28.6262 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 60.6410, 51.4490, -28.6262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

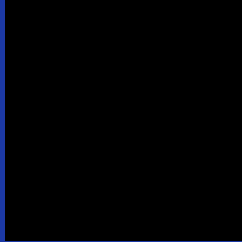
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6410, 51.4490, -28.6262

Background



This preview shows how black text looks on a background with the YUV color 60.6410, 51.4490, -28.6262.



This preview shows how white text looks on a background with the YUV color 60.6410, 51.4490,

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

60.6410, 51.4490, -28.6262

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

55.2430, 31.4322, -48.4481



Tritanopia

53.8460, 13.3869, -47.2229

Trichromacy



Original Color

60.6410, 51.4490, -28.6262

Protanomaly

56.9570, 45.3772, -41.1813

Deuteranomaly

57.2360, 38.8307, -41.4260

Tritanomaly

56.2610, 27.4793, -40.5709

Monochromacy



Original Color

60.6410, 51.4490, -28.6262

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1570, 18.6566, -10.6617

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6410, 51.4490, -28.6262 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(28, 57, 165)` looks like.

```
.text, #text, p{  
    color:rgb(28, 57, 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(28, 57, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 57, 165) }
```

Border

The CSS property to change the border of an element to YUV 60.6410, 51.4490, -28.6262 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(28, 57, 165) }
```


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

```
.border{ border-color:rgb(28, 57, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 57, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 57, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 57, 165);  
box-shadow:4px 4px 4px 4px rgb(28, 57,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 60.6410, 51.4490, -28.6262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 57, 165) }
```

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

```
.background{ background-color: rgb(28, 57,  
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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