

Converting Colors

YUV(52.2950, 32.8856, -1.1357)

Have a look what the booklet for
YUV(52.2950, 32.8856, -1.1357)
contains.

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Color

**YUV(52.2950, 32.8856,
-1.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	332877
RGB	51, 40, 119
RGB Percent	20%, 16%, 47%
CMY	0.8000, 0.8431, 0.5333
CMYK	0.57, 0.66, 0.00, 0.53
HSL	248°, 50%, 31%
HSV	248°, 66%, 47%
XYZ	5.4538, 3.5533, 17.8512
YIQ	52.2950, -18.8030, 26.9010

Conversions

Conversions Part 2

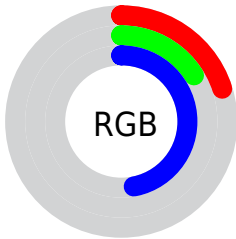
Format	Color
RYB	51, 40, 119
Decimal	3352695
CIELab	22.14, 28.47, -43.71
CIELCh	22, 52.166, 303.080
Yxy	3.5533, 0.2031, 0.1323
Android (android.graphics.Color)	4281542775 (0xFF332877)
YUV	52.2950, 32.8856, -1.1357
Hunter-Lab	18.8502, 18.6564, -42.9526

Details

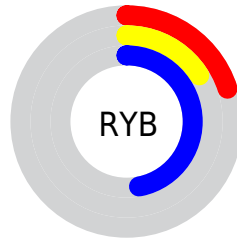
The YUV color **52.2950, 32.8856, -1.1357** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **106.7050, -32.8856, 1.1357**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1860, 34.9113, 2.4679**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **42.2610, 37.8323, -1.1059**, and if you desaturate by 10%, it is **62.3290, 27.9388, -1.1655**.

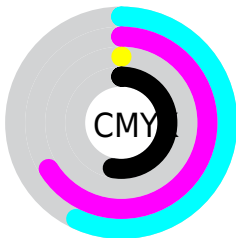
Distribution



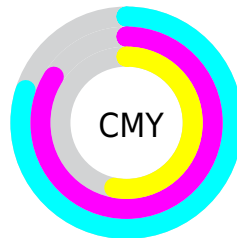
- Red (20%)
- Green (16%)
- Blue (47%)



- Red (20%)
- Yellow (16%)
- Blue (47%)



- Cyan (57%)
- Magenta (66%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2950, 32.8856, -1.1357 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 52.2950, 32.8856, -1.1357 by changing the saturation by 10% instead.

■ 52.2950, 32.8856,
-1.1357

■ 52.2950, 32.8856,
-1.1357

■ 255.0000, 0.0000,
0.0000

■ 28.1480, 32.4650,
-6.2688

■ 101.1860, 34.9113,
2.4679

■ 7.9800, 30.5759,
-6.9985

■ 127.1260, 35.9269,
3.3975

■ 7.5920, 18.9351,
-6.6582

■ 153.3650, 36.7951,
4.9419

■ 3.4370, 10.6306,
-3.0142

■ 180.0770, 36.9370,
6.0715

■ 0.0000, 0.0000,
0.0000

■ 204.8850, 24.7067,
8.8709

■ 229.4050, 12.6183,

12.7998

249.7170, 2.6045,
4.6332

52.2950, 32.8856,
-1.1357

52.2950, 32.8856,
-1.1357

42.2610, 37.8323,
-1.1059

62.3290, 27.9388,
-1.1655

32.2270, 42.7791,
-1.0761

72.3630, 22.9920,
-1.1954

21.8940, 47.8733,
-1.6610

82.6960, 17.8979,
-0.6104

18.6490, 49.4730,
-1.4462

92.7300, 12.9511,
-0.6402

102.7640, 8.0043,
-0.6700

■ 112.2110, 3.3470,
-0.1850

■ 122.5440, -1.7472,
0.3999

■ 132.5780, -6.6940,
0.3701

■ 142.6120,
-11.6407, 0.3403

Harmonies

Analogous

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



48.5070, 41.1620, -42.5406



52.2950, 32.8856, -1.1357



42.9810, 22.6874, 50.0057

Triad

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



52.2950, 32.8856, -1.1357



48.9390, -24.1269, 38.6415



46.3000, 4.7821, -40.6051

Complementary

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



52.2950, 32.8856, -1.1357



106.7050, -32.8856, 1.1357

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.



40.2240, -13.4214, -35.2764



52.2950, 32.8856, -1.1357



49.9480, -24.6244, 11.4466

Square

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



52.2950, 32.8856, -1.1357



36.3290, -11.9942, 67.2405



42.3740, -20.8904, -19.6220



50.7460, 21.8172, -44.5042

Rectangle

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



52.2950, 32.8856, -1.1357



41.3820, 11.1507, 63.6860



42.3740, -20.8904, -19.6220



44.7040, -1.3331, -39.2054

Sweetspot

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



52.2950, 32.8856, -1.1357



129.1430, 13.2405, -0.1254



88.9220, 14.8285, -42.9046



63.0630, 7.8569, -0.0553



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.2950, 32.8856, -1.1357



50.3330, 52.0938, -2.0460



63.9560, 27.1367, 22.8406



53.9830, 2.4734, 0.0149



18.9910, 50.7834, -1.7461



38.9650, 104.0403, -3.4773

Inverse Universe

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



71.3730, 18.0571, 41.7689



80.5730, 28.3115, 66.1495



95.0440, -27.1367, -22.8406



55.3640, 1.2995, 3.1888



48.4480, 27.8801, 64.5051



99.2600, 57.0598, 132.1990

Previews

White Background



This preview shows how the YUV color 52.2950, 32.8856, -1.1357 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 52.2950, 32.8856, -1.1357 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 52.2950, 32.8856, -1.1357

Background



This preview shows how black text looks on a background with the YUV color 52.2950, 32.8856, -1.1357.



This preview shows how white text looks on a background with the YUV color 52.2950, 32.8856, -1.1357.

-1.1357.

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

52.2950, 32.8856, -1.1357

Protanopia

42.3630, 32.8520, -37.1524

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

49.7850, 6.0220, -18.2284

Trichromacy



Original Color

52.2950, 32.8856, -1.1357

Protanomaly

46.1520, 32.9561, -23.8123

Deuteranomaly

46.7730, 27.7199, -24.3569

Tritanomaly

50.4620, 16.0412, -11.8062

Monochromacy



Original Color

52.2950, 32.8856, -1.1357

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3880, 11.6407, -0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2950, 32.8856, -1.1357 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(51, 40, 119)` looks like.

```
.text, #text, p{  
    color:rgb(51, 40, 119)  
}
```

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(51, 40, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 40, 119) }
```

Border

The CSS property to change the border of an element to YUV 52.2950, 32.8856, -1.1357 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(51, 40, 119) }
```


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

```
.border{ border-color:rgb(51, 40, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 40, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 40, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 40, 119);  
box-shadow:4px 4px 4px 4px rgb(51, 40,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 52.2950, 32.8856, -1.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 40, 119) }
```

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

```
.background{ background-color: rgb(51, 40,  
119) }
```

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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