

Converting Colors

YUV(56.4530, 29.8497, -7.4133)

Have a look what the booklet for
YUV(56.4530, 29.8497, -7.4133)
contains.

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Color

**YUV(56.4530, 29.8497,
-7.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	303175
RGB	48, 49, 117
RGB Percent	19%, 19%, 46%
CMY	0.8118, 0.8078, 0.5412
CMYK	0.59, 0.58, 0.00, 0.54
HSL	239°, 42%, 32%
HSV	239°, 59%, 46%
XYZ	5.5281, 4.1094, 17.3314
YIQ	56.4530, -22.4240, 20.9360

Conversions

Conversions Part 2

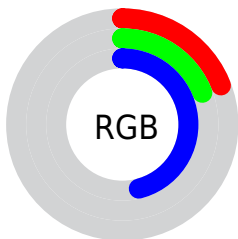
Format	Color
R_{YB}	48, 49, 117
Decimal	3158389
CIE _{Lab}	24.03, 21.18, -39.37
CIE _{LCh}	24, 44.709, 298.279
Yxy	4.1094, 0.2050, 0.1524
Android (android.graphics.Color)	4281348469 (0xFF303175)
YUV	56.4530, 29.8497, -7.4133
Hunter-Lab	20.2716, 13.2024, -36.5007

Details

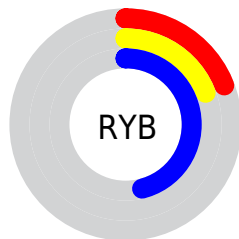
The YUV color **56.4530, 29.8497, -7.4133** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.5470, -29.8497, 7.4133**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3440, 31.8754, -3.8097**, and **10.6870, 28.2553, -9.3725** is the 20% darker color. If you saturate the color by 10%, you get **45.8210, 35.0912, -8.6130**, and if you desaturate by 10%, it is **67.0850, 24.6081, -6.2135**.

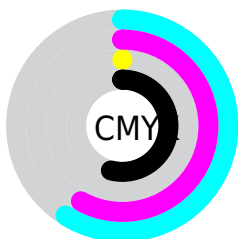
Distribution



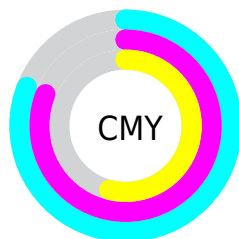
- Red (19%)
- Green (19%)
- Blue (46%)



- Red (19%)
- Yellow (19%)
- Blue (46%)



- Cyan (59%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (81%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4530, 29.8497, -7.4133 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 56.4530, 29.8497, -7.4133 by changing the saturation by 10% instead.

■ 56.4530, 29.8497,
-7.4133

■ 56.4530, 29.8497,
-7.4133

■ 255.0000, 0.0000,
0.0000

■ 32.3060, 29.4291,
-12.5464

■ 105.3440, 31.8754,
-3.8097

■ 10.6870, 28.2553,
-9.3725

■ 130.8710, 32.6016,
-3.3949

■ 6.8910, 18.7877,
-6.0434

■ 157.6970, 33.1804,
-2.3653

■ 3.2090, 9.7570,
-2.8143

■ 184.3380, 34.3434,
-2.0504

■ 0.0000, 0.0000,
0.0000

■ 209.5590, 22.4024,
1.2638

■ 234.6660, 10.0247,

4.6779

■ 56.4530, 29.8497,
-7.4133

■ 56.4530, 29.8497,
-7.4133

■ 45.8210, 35.0912,
-8.6130

■ 67.0850, 24.6081,
-6.2135

■ 36.0750, 39.8960,
-9.7128

■ 76.8310, 19.8033,
-5.1138

■ 25.4430, 45.1376,
-10.9125

■ 87.4630, 14.5617,
-3.9141

■ 15.3980, 50.0898,
-12.6270

■ 97.5080, 9.6096,
-2.1995

■ 14.5120, 50.5266,
-12.7270

■ 107.8410, 4.5154,
-1.6146

■ 117.8860, -0.4368,
0.1000

■ 128.5180, -5.6784,
1.2997

■ 138.5630,
-10.6306, 3.0142

■ 148.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



50.6440, 36.6575, -44.4148



56.4530, 29.8497, -7.4133



56.3180, 18.0842, 33.0471

Triad

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



56.4530, 29.8497, -7.4133



52.7820, -26.0215, 39.6562



47.8330, 3.0403, -41.9495

Complementary

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



56.4530, 29.8497, -7.4133



108.5470, -29.8497, 7.4133

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.



42.5550, -12.1056, -37.3207



56.4530, 29.8497, -7.4133



54.1120, -26.6772, 16.5648

Square

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



56.4530, 29.8497, -7.4133



49.3060, -10.5039, 55.8596



49.5280, -24.4173, -8.3561



51.7090, 17.8915, -45.3488

Rectangle

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



56.4530, 29.8497, -7.4133



50.1910, 10.7518, 51.5755



49.5280, -24.4173, -8.3561



46.4650, -2.2012, -40.7498

Sweetspot

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



56.4530, 29.8497, -7.4133



128.7790, 11.9410, -3.3142



96.2550, 9.7343, -42.3196



61.9380, 7.4256, -1.6996



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



56.4530, 29.8497, -7.4133



57.6000, 47.0322, -11.9272



65.7330, 25.2746, 13.3892



53.6840, 2.6208, -0.5999



15.0820, 52.7106, -13.2269



30.8480, 108.0419, -27.0537

Inverse Universe

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



68.7450, -9.7343, 42.3196



76.8190, -15.1938, 66.8107



99.2670, -25.2746, -13.3892



54.7940, -0.8844, 3.6887



36.7060, -17.1101, 74.8028



75.2060, -35.1046, 153.2943

Previews

White Background



This preview shows how the YUV color 56.4530, 29.8497, -7.4133 looks on a white background.

Color Contrast Check

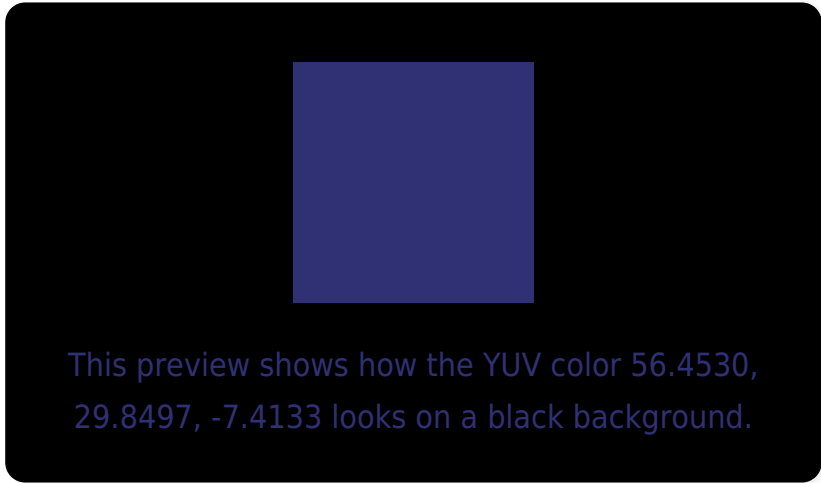
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

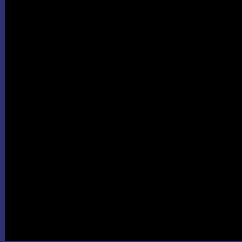
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4530, 29.8497, -7.4133

Background



This preview shows how black text looks on a background with the YUV color 56.4530, 29.8497, -7.4133.



This preview shows how white text looks on a background with the YUV color 56.4530, 29.8497,

-7.4133.

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

56.4530, 29.8497, -7.4133

Protanopia

45.6230, 35.1889, -40.0114

Deuteranopia

46.2610, 27.4793, -40.5709



Tritanopia

51.8060, 7.4906, -22.6319

Trichromacy



Original Color

56.4530, 29.8497, -7.4133

Protanomaly

49.5320, 33.2617, -28.5306

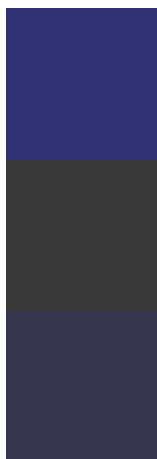
Deuteranomaly

49.5660, 28.3150, -28.5604

Tritanomaly

53.3150, 15.6207, -16.9393

Monochromacy



Original Color

56.4530, 29.8497, -7.4133

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8500, 10.9200, -2.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4530, 29.8497, -7.4133 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(48, 49, 117)` looks like.

```
.text, #text, p{  
  color:rgb(48, 49, 117)  
}
```

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(48, 49, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 49, 117) }
```

Border

The CSS property to change the border of an element to YUV 56.4530, 29.8497, -7.4133 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(48, 49, 117) }
```


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

```
.border{ border-color:rgb(48, 49, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 49, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 49, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 49, 117);  
box-shadow:4px 4px 4px 4px rgb(48, 49,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 56.4530, 29.8497, -7.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 49, 117) }
```

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

```
.background{ background-color: rgb(48, 49,  
117) }
```

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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