

Converting Colors

YUV(56.0870, 28.0581,
-39.5413)

Have a look what the booklet for
YUV(56.0870, 28.0581, -39.5413)
contains.

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Color

**YUV(56.0870, 28.0581,
-39.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	0B4471
RGB	11, 68, 113
RGB Percent	4%, 27%, 44%
CMY	0.9569, 0.7333, 0.5569
CMYK	0.90, 0.40, 0.00, 0.56
HSL	206°, 82%, 24%
HSV	206°, 90%, 44%
XYZ	5.1858, 5.3976, 16.3913
YIQ	56.0870, -48.4170, 1.9110

Conversions

Conversions Part 2

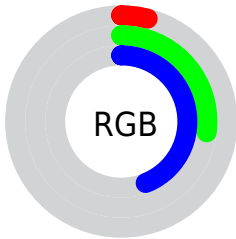
Format	Color
R_{YB}	11, 48, 113
Decimal	738417
CIE _{Lab}	27.84, 0.68, -30.81
CIE _{LCh}	28, 30.817, 271.262
Yxy	5.3976, 0.1922, 0.2001
Android (android.graphics.Color)	4278928497 (0xFF0B4471)
YUV	56.0870, 28.0581, -39.5413
Hunter-Lab	23.2328, -0.8147, -25.5675

Details

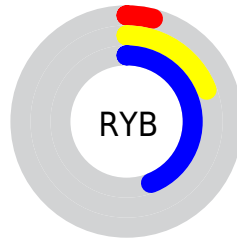
The YUV color **56.0870, 28.0581, -39.5413** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67.9130, -28.0581, 39.5413**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3270, 27.4468, -30.1048**, and **22.6720, 20.8677, -19.8833** is the 20% darker color. If you saturate the color by 10%, you get **49.8630, 31.1265, -43.7299**, and if you desaturate by 10%, it is **62.3110, 24.9897, -35.3527**.

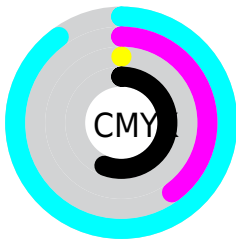
Distribution



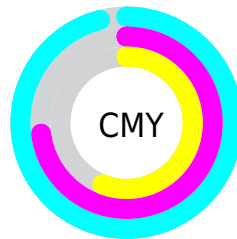
- Red (4%)
- Green (27%)
- Blue (44%)



- Red (4%)
- Yellow (19%)
- Blue (44%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (96%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.0870, 28.0581, -39.5413 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 56.0870, 28.0581, -39.5413 by changing the saturation by 10% instead.

■ 56.0870, 28.0581,
-39.5413

■ 56.0870, 28.0581,
-39.5413

■ 255.0000, 0.0000,
0.0000

■ 37.0340, 25.1262,
-32.4788

■ 109.3270, 27.4468,
-30.1048

■ 22.6720, 20.8677,
-19.8833

■ 135.4520, 27.8782,
-28.4604

■ 6.5490, 17.4773,
-5.7435

■ 162.5660, 28.3150,
-28.5604

■ 2.9810, 8.8834,
-2.6143

■ 190.0930, 29.0412,
-28.1456

■ 0.0000, 0.0000,
0.0000

■ 214.9980, 19.7210,
-25.4312

■ 240.3930, 7.2013,

-23.1467

251.7110, 1.6215,
-6.7625

56.0870, 28.0581,
-39.5413

56.0870, 28.0581,
-39.5413

49.8630, 31.1265,
-43.7299

62.3110, 24.9897,
-35.3527

68.8340, 21.7738,
-30.5494

75.0580, 18.7054,
-26.3609

81.2820, 15.6370,
-22.1723

87.8050, 12.4211,
-17.3690

■ 94.0290, 9.3527,
-13.1804

■ 100.2530, 6.2843,
-8.9919

■ 106.4770, 3.2158,
-4.8033

■ 113.0000, 0.0000,
0.0000

Harmonies

Analogous

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



55.6360, 25.3225, -48.7928



56.0870, 28.0581, -39.5413



67.0490, 19.2028, 0.8340

Triad

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



56.0870, 28.0581, -39.5413



64.7830, -10.7390, 37.9013



54.4940, -6.1595, -31.1282

Complementary

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



56.0870, 28.0581, -39.5413



67.9130, -28.0581, 39.5413

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.



60.4450, -18.4604, -5.6523



56.0870, 28.0581, -39.5413



64.3120, -19.8738, 27.7904

Square

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



56.0870, 28.0581, -39.5413



65.6440, 0.1755, 37.1462



63.1870, -23.7562, 12.9910



52.7230, 6.5456, -46.2381

Rectangle

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



56.0870, 28.0581, -39.5413



67.7800, 13.9125, 17.7329



63.1870, -23.7562, 12.9910



57.2950, -10.9914, -21.3067

Sweetspot

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



56.0870, 28.0581, -39.5413



125.4740, 11.1053, -15.3247



75.8900, -10.2988, -56.9085



60.9540, 6.4317, -9.6067



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



56.0870, 28.0581, -39.5413



65.5930, 40.6267, -57.5251



26.7370, 42.5277, -13.8013



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.1640, 67.9531, -95.7368

Inverse Universe

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



47.9960, 9.8620, 57.0085



53.7140, 14.4380, 82.6888



97.2630, -42.5277, 13.8013



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.5850, 23.8686, 138.0530

Previews

White Background



This preview shows how the YUV color 56.0870, 28.0581, -39.5413 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 56.0870, 28.0581, -39.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

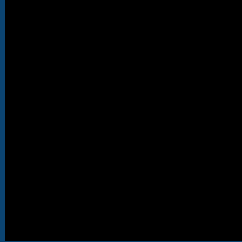
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.0870, 28.0581, -39.5413

Background



This preview shows how black text looks on a background with the YUV color 56.0870, 28.0581, -39.5413.



This preview shows how white text looks on a background with the YUV color 56.0870, 28.0581, -39.5413.

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

56.0870, 28.0581, -39.5413

Protanopia

64.1610, 22.5986, -15.0502

Deuteranopia

60.8820, 25.6942, -27.9605



Tritanopia

51.7430, 12.9447, -45.3786

Trichromacy



Original Color

56.0870, 28.0581, -39.5413

Protanomaly

60.9750, 24.6623, -23.6571

Deuteranomaly

58.7890, 26.7260, -32.2640

Tritanomaly

53.2470, 18.6122, -43.1896

Monochromacy



Original Color

56.0870, 28.0581, -39.5413

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.0870, 28.0581, -39.5413 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(11, 68, 113)` looks like.

```
.text, #text, p{  
    color:rgb(11, 68, 113)  
}
```

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(11, 68, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 68, 113) }
```

Border

The CSS property to change the border of an element to YUV 56.0870, 28.0581, -39.5413 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(11, 68, 113) }
```


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

```
.border{ border-color:rgb(11, 68, 113) }
```

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

Here you see how a box with a 4 pixel rgb(11, 68, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 68, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 68, 113);  
box-shadow:4px 4px 4px 4px rgb(11, 68,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 56.0870, 28.0581, -39.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 68, 113) }
```

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

```
.background{ background-color: rgb(11, 68,  
113) }
```

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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