

Converting Colors

YUV(88.4430, -28.8124, 1.3655)

Have a look what the booklet for
YUV(88.4430, -28.8124, 1.3655)
contains.

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Color

**YUV(88.4430, -28.8124,
1.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	5A631E
RGB	90, 99, 30
RGB Percent	35%, 39%, 12%
CMY	0.6471, 0.6118, 0.8824
CMYK	0.09, 0.00, 0.70, 0.61
HSL	68°, 53%, 25%
HSV	68°, 70%, 39%
XYZ	8.9126, 11.1911, 2.9186
YIQ	88.4430, 16.7850, -23.3670

Conversions

Conversions Part 2

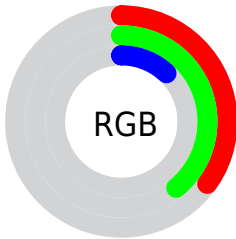
Format	Color
R_{YB}	30, 99, 39
Decimal	5923614
CIE _{Lab}	39.90, -13.79, 36.52
CIE _{LCh}	40, 39.042, 110.689
Y _{xy}	11.1911, 0.3871, 0.4861
Android (android.graphics.Color)	4284113694 (0xFF5A631E)
YUV	88.4430, -28.8124, 1.3655
Hunter-Lab	33.4531, -10.9865, 18.2443

Details

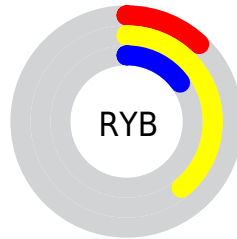
The YUV color **88.4430, -28.8124, 1.3655** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40.5570, 28.8124, -1.3655**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4000, -30.2702, 2.2802**, and **43.6690, -21.5288, -1.4637** is the 20% darker color. If you saturate the color by 10%, you get **87.0040, -33.0330, 1.7505**, and if you desaturate by 10%, it is **89.8820, -24.5918, 0.9805**.

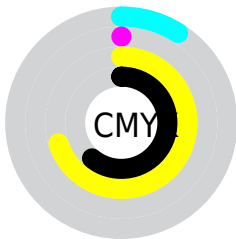
Distribution



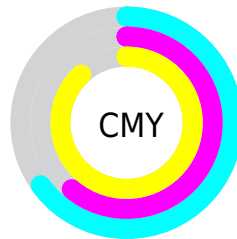
- Red (35%)
- Green (39%)
- Blue (12%)



- Red (12%)
- Yellow (39%)
- Blue (15%)



- Cyan (9%)
- Magenta (0%)
- Yellow (70%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4430, -28.8124, 1.3655 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 88.4430, -28.8124, 1.3655 by changing the saturation by 10% instead.

88.4430, -28.8124,
1.3655

88.4430, -28.8124,
1.3655

255.0000, 0.0000,
0.0000

63.9160, -29.5386,
0.9507

139.4000,
-30.2702, 2.2802

43.6690, -21.5288,
-1.4637

165.5850,
-30.8544, 2.9950

23.2800, -11.4770,
-5.5076

193.3570,
-31.7280, 3.1949

0.0000, 0.0000,
0.0000

221.1290,
-32.6016, 3.3949

246.7920,
-31.4495, 7.1984

249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

88.4430, -28.8124,
1.3655

88.4430, -28.8124,
1.3655

87.0040, -33.0330,
1.7505

89.8820, -24.5918,
0.9805

85.2660, -37.1061,
1.5207

91.6200, -20.5187,
1.2103

83.8270, -41.3267,
1.9057

93.0590, -16.2981,
0.8253

94.4980, -12.0775,
0.4403

95.9370, -7.8569,
0.0553

■ 97.5610, -4.2206,
0.3850

■ 99.0000, 0.0000,
0.0000

■ 100.4390, 4.2206,
-0.3850

■ 102.1770, 8.2937,
-0.1552

Harmonies

Analogous

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



91.3150, -31.2143, 25.1567



88.4430, -28.8124, 1.3655



83.3990, -15.4797, -28.4139

Triad

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



88.4430, -28.8124, 1.3655



79.1110, 31.4973, -69.3803



94.6650, 5.0952, 45.8978

Complementary

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



88.4430, -28.8124, 1.3655



40.5570, 28.8124, -1.3655

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.



96.7790, 18.8430, 22.9958



88.4430, -28.8124, 1.3655



76.5980, 39.6382, -67.1764

Square

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



88.4430, -28.8124, 1.3655



77.7940, 18.8356, -68.2253



93.7080, 29.7240, -13.7759



93.0990, -9.9088, 51.6562

Rectangle

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



88.4430, -28.8124, 1.3655



71.6040, 0.1952, -62.7967



93.7080, 29.7240, -13.7759



95.8860, 9.9162, 39.5650

Sweetspot

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



88.4430, -28.8124, 1.3655



123.7260, -11.2039, 0.2403



55.3270, -12.4862, 38.3012



61.5780, -6.6940, 0.3701



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



88.4430, -28.8124, 1.3655



111.5020, -45.1105, 2.1907



78.2770, -23.8006, -19.5369



47.5440, -1.7472, 0.3999



95.0460, -46.8577, 2.5907



203.0720, -100.1145, 4.3219

Inverse Universe

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



40.5570, 28.8124, -1.3655



36.4980, 45.1105, -2.1907



50.7230, 23.8006, 19.5369



44.4560, 1.7472, -0.3999



17.2530, 46.7103, -1.9759



36.6290, 100.2619, -4.9366

Previews

White Background



This preview shows how the YUV color 88.4430, -28.8124, 1.3655 looks on a white background.

Color Contrast Check

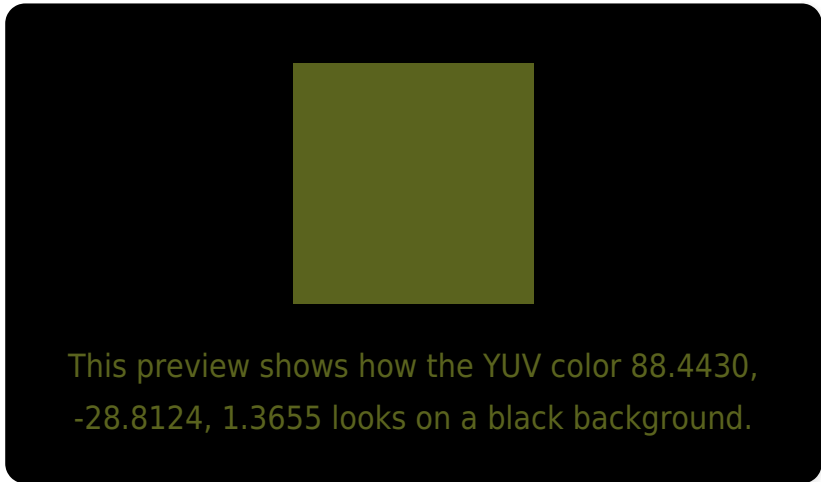
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

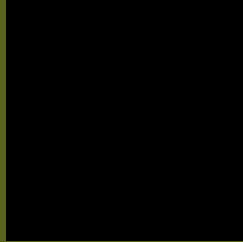
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4430, -28.8124, 1.3655

Background



This preview shows how black text looks on a background with the YUV color 88.4430, -28.8124, 1.3655.



This preview shows how white text looks on a background with the YUV color 88.4430, -28.8124,

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

88.4430, -28.8124, 1.3655

Protanopia

89.8790, -30.0133, 13.2611

Deuteranopia

91.1020, -28.1513, 22.7125



Tritanopia

94.4070, 2.7573, 2.2741

Trichromacy



Original Color

88.4430, -28.8124, 1.3655

Protanomaly

89.5580, -29.8551, 9.1576

Deuteranomaly

90.3460, -28.2716, 14.6056

Tritanomaly

92.4210, -8.5886, 1.3848

Monochromacy



Original Color

88.4430, -28.8124, 1.3655

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4430, -28.8124, 1.3655 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(90, 99, 30)` looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 30)  
}
```

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(90, 99, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 30) }
```

Border

The CSS property to change the border of an element to YUV 88.4430, -28.8124, 1.3655 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(90, 99, 30) }
```


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

```
.border{ border-color:rgb(90, 99, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 99, 30);  
box-shadow:4px 4px 4px 4px rgb(90, 99, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.4430, -28.8124, 1.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 30) }
```

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

```
.background{ background-color: rgb(90, 99,  
30) }
```

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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