

Converting Colors

YUV(47.0430, -8.4022, 35.0423)

Have a look what the booklet for
YUV(47.0430, -8.4022, 35.0423)
contains.

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Color

**YUV(47.0430, -8.4022,
35.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	571E1E
RGB	87, 30, 30
RGB Percent	34%, 12%, 12%
CMY	0.6588, 0.8824, 0.8824
CMYK	0.00, 0.66, 0.66, 0.66
HSL	0°, 49%, 23%
HSV	0°, 66%, 34%
XYZ	4.6291, 3.0485, 1.5727
YIQ	47.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

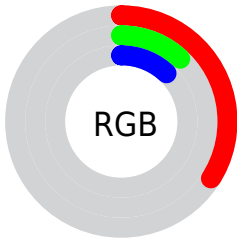
Format	Color
R_{YB}	87, 30, 30
Decimal	5709342
CIE _{Lab}	20.24, 26.40, 13.77
CIE _{LCh}	20, 29.776, 27.546
Yxy	3.0485, 0.5004, 0.3296
Android (android.graphics.Color)	4283899422 (0xFF571E1E)
YUV	47.0430, -8.4022, 35.0423
Hunter-Lab	17.4600, 16.7699, 6.8814

Details

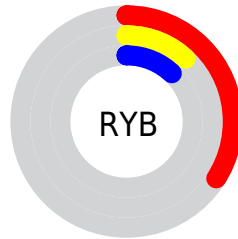
The YUV color **47.0430, -8.4022, 35.0423** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.9570, 8.4022, -35.0423**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.7940, -10.7444, 39.6457**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **40.7340, -9.7289, 40.5753**, and if you desaturate by 10%, it is **53.3520, -7.0755, 29.5093**.

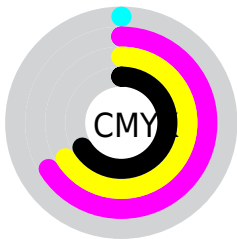
Distribution



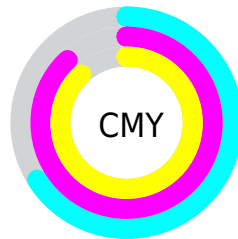
- Red (34%)
- Green (12%)
- Blue (12%)



- Red (34%)
- Yellow (12%)
- Blue (12%)



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



- Cyan (66%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0430, -8.4022, 35.0423 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 47.0430, -8.4022, 35.0423 by changing the saturation by 10% instead.

■ 47.0430, -8.4022,
35.0423

■ 47.0430, -8.4022,
35.0423

■ 255.0000, 0.0000,
0.0000

■ 22.6300, -8.6916,
34.5275

■ 95.7940, -10.7444,
39.6457

■ 12.0740, -5.4595,
24.4911

■ 120.5770,
-11.6235, 41.5900

■ 0.0000, 0.0000,
0.0000

■ 147.3600,
-12.5025, 43.5343

■ 173.9580,
-12.7973, 44.7638

■ 201.8550,
-13.2395, 46.6082

■ 221.3690, -9.5489,

29.4944

■ 241.5840, -5.7109,
11.7658

■ 47.0430, -8.4022,
35.0423

■ 47.0430, -8.4022,
35.0423

■ 40.7340, -9.7289,
40.5753

■ 53.3520, -7.0755,
29.5093

■ 35.1260, -10.9081,
45.4935

■ 58.9600, -5.8963,
24.5911

■ 28.8170, -12.2348,
51.0265

■ 65.2690, -4.5696,
19.0581

■ 26.0130, -12.8244,
53.4856

■ 71.5780, -3.2430,
13.5251

■ 77.8870, -1.9163,
7.9921

■ 83.4950, -0.7370,
3.0739

■ 89.8040, 0.5896,
-2.4591

■ 96.1130, 1.9163,
-7.9921

■ 101.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



48.0780, 1.9335, 33.2576



47.0430, -8.4022, 35.0423



47.3550, -18.4160, 26.8757

Triad

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



47.0430, -8.4022, 35.0423



37.9890, -6.8966, -28.0544



41.0120, 25.1371, -35.9675

Complementary

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



47.0430, -8.4022, 35.0423



69.9570, 8.4022, -35.0423

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.



43.1490, 20.6325, -37.8417



47.0430, -8.4022, 35.0423



39.8770, 3.0186, -34.9721

Square

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



47.0430, -8.4022, 35.0423



43.5270, -19.4868, -3.0932



42.3850, 12.6282, -37.1716



49.3150, 19.0717, -3.7843

Rectangle

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



47.0430, -8.4022, 35.0423



46.1600, -22.7569, 19.1537



42.3850, 12.6282, -37.1716



42.0720, 24.1215, -36.8971

Sweetspot

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



47.0430, -8.4022, 35.0423



96.5780, -3.2430, 13.5251



53.5410, 16.4953, 29.3435



46.8870, -1.9163, 7.9921



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



47.0430, -8.4022, 35.0423



50.3120, -12.9718, 54.1004



63.4790, -16.5051, 20.6279



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726

Inverse Universe

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



69.9570, 8.4022, -35.0423



85.6880, 12.9718, -54.1004



52.9340, 16.7945, -20.1131



41.8040, 0.5896, -2.4591



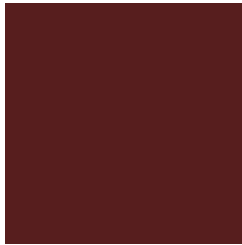
75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Previews

White Background



This preview shows how the YUV color 47.0430, -8.4022, 35.0423 looks on a white background.

Color Contrast Check

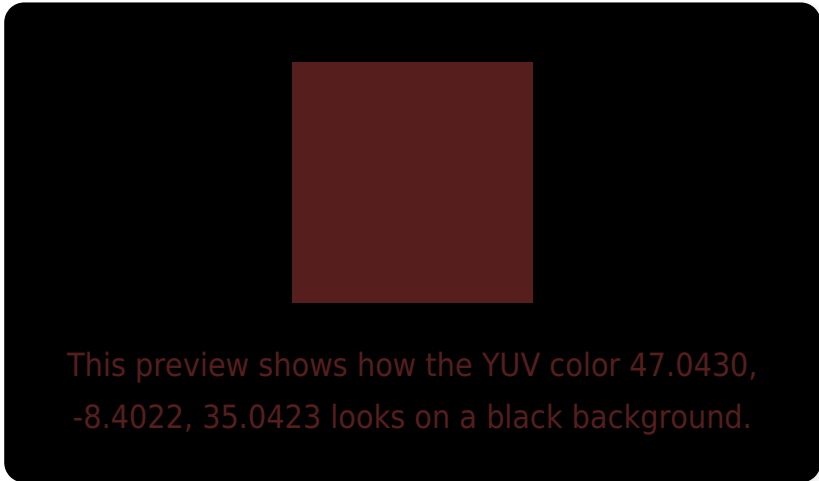
Large Text (above 18pt) WCAG AA ✓ Pass

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

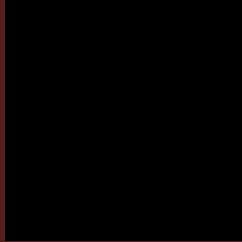
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0430, -8.4022, 35.0423

Background



This preview shows how black text looks on a background with the YUV color 47.0430, -8.4022, 35.0423.

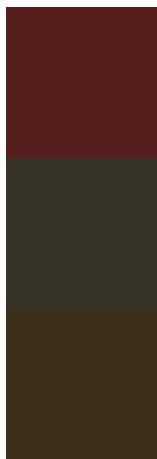


This preview shows how white text looks on a background with the YUV color 47.0430, -8.4022,

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

47.0430, -8.4022, 35.0423

Protanopia

49.8280, -5.8312, 3.6588

Deuteranopia

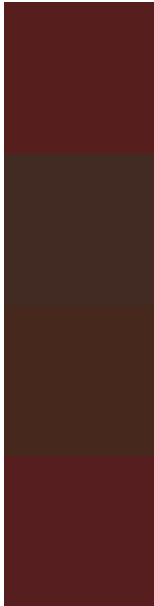
49.4930, -11.0890, 10.0916



Tritanopia

47.1570, -7.9654, 34.9423

Trichromacy



Original Color

47.0430, -8.4022, 35.0423

Protanomaly

48.9650, -6.8847, 14.9397

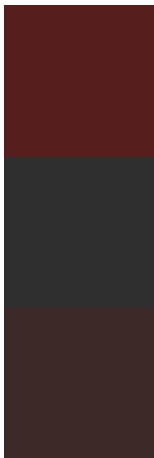
Deuteranomaly

48.1890, -9.9532, 19.1282

Tritanomaly

47.1570, -7.9654, 34.9423

Monochromacy



Original Color

47.0430, -8.4022, 35.0423

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2790, -3.0955, 12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0430, -8.4022, 35.0423 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(87, 30, 30)` looks like.

```
.text, #text, p{  
    color:rgb(87, 30, 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(87, 30, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 30, 30) }
```

Border

The CSS property to change the border of an element to YUV 47.0430, -8.4022, 35.0423 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(87, 30, 30) }
```


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

```
.border{ border-color:rgb(87, 30, 30) }
```

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

Here you see how a box with a 4 pixel rgb(87, 30, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 30, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 30, 30);  
box-shadow:4px 4px 4px 4px rgb(87, 30, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0430, -8.4022, 35.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 30, 30) }
```

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

```
.background{ background-color: rgb(87, 30,  
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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