

Converting Colors

YUV(41.8430, -8.3036, 50.1267)

Have a look what the booklet for
YUV(41.8430, -8.3036, 50.1267)
contains.

YUV(41.8430, -8.3036, 50.1267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(41.8430, -8.3036,
50.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	631019
RGB	99, 16, 25
RGB Percent	39%, 6%, 10%
CMY	0.6118, 0.9373, 0.9020
CMYK	0.00, 0.84, 0.75, 0.61
HSL	353°, 72%, 23%
HSV	353°, 84%, 39%
XYZ	5.5063, 3.0934, 1.2266
YIQ	41.8430, 46.5790, 20.3950

Conversions

Conversions Part 2

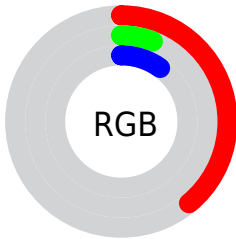
Format	Color
R_{YB}	99, 16, 25
Decimal	6492185
CIE _{Lab}	20.41, 36.51, 17.95
CIE _{LCh}	20, 40.685, 26.179
Yxy	3.0934, 0.5604, 0.3148
Android (android.graphics.Color)	4284682265 (0xFF631019)
YUV	41.8430, -8.3036, 50.1267
Hunter-Lab	17.5881, 25.1042, 8.1769

Details

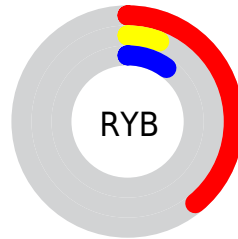
The YUV color **41.8430, -8.3036, 50.1267** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.1570, 8.3036, -50.1267**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0130, -12.8244, 53.4856**, and **14.4660, -6.6387, 29.4093** is the 20% darker color. If you saturate the color by 10%, you get **34.9470, -9.3409, 56.1745**, and if you desaturate by 10%, it is **48.7390, -7.2663, 44.0789**.

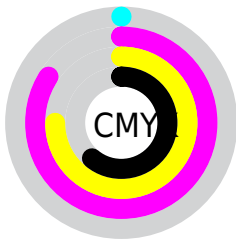
Distribution



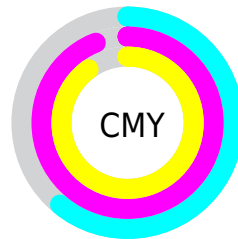
- Red (39%)
- Green (6%)
- Blue (10%)



- Red (39%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (84%)
- Yellow (75%)
- Black (61%)



- Cyan (61%)
- Magenta (94%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8430, -8.3036, 50.1267 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 41.8430, -8.3036, 50.1267 by changing the saturation by 10% instead.

■ 41.8430, -8.3036,
50.1267

■ 41.8430, -8.3036,
50.1267

■ 254.6580, -1.3104,
0.2999

■ 21.5280, -10.6133,
44.2639

■ 94.0130, -12.8244,
53.4856

■ 14.4660, -6.6387,
29.4093

■ 119.9810,
-14.2876, 56.1447

■ 0.0000, 0.0000,
0.0000

■ 146.7640,
-15.1667, 58.0890

■ 173.8460,
-16.1931, 60.6481

■ 196.3610,
-13.9820, 51.4264

■ 215.8750,

-10.2914, 34.3126

■ 236.0900, -6.4534,
16.5841

■ 41.8430, -8.3036,
50.1267

■ 41.8430, -8.3036,
50.1267

■ 34.9470, -9.3409,
56.1745

■ 48.7390, -7.2663,
44.0789

■ 30.8550, -9.7885,
59.7632

■ 55.6350, -6.2291,
38.0311

■ 62.4170, -5.6286,
32.0833

■ 69.3130, -4.5913,
26.0355

■ 76.2090, -3.5540,
19.9877

■ 82.5180, -2.2274,
14.4547

■ 89.4140, -1.1901,
8.4069

■ 96.3100, -0.1528,
2.3591

■ 103.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



40.7410, 6.5367, 50.2161



41.8430, -8.3036, 50.1267



45.3840, -22.3743, 36.4972

Triad

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



41.8430, -8.3036, 50.1267



36.5880, -12.1219, -32.0877



44.1240, 31.9839, -38.6967

Complementary

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



41.8430, -8.3036, 50.1267



73.1570, 8.3036, -50.1267

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.



46.5060, 25.8795, -40.7858



41.8430, -8.3036, 50.1267



41.4100, 1.2769, -36.3166

Square

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



41.8430, -8.3036, 50.1267



43.3480, -21.3706, -5.5672



44.9440, 14.8176, -39.4159



47.7470, 27.2397, -10.3021

Rectangle

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



41.8430, -8.3036, 50.1267



47.0680, -23.2045, 22.7424



44.9440, 14.8176, -39.4159



45.7710, 30.6789, -40.1412

Sweetspot

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



41.8430, -8.3036, 50.1267



105.9100, -3.4066, 19.3729



47.2890, 25.4935, 36.5805



50.9090, -1.9271, 11.4808



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.



41.8430, -8.3036, 50.1267



39.8680, -12.7529, 77.2918



59.6010, -21.4953, 34.5529



45.1960, -0.5896, 2.4591



34.8560, -11.2680, 67.6553



74.7240, -24.0209, 144.9471

Inverse Universe

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



41.8430, -8.3036, 50.1267



39.8680, -12.7529, 77.2918



55.3990, 21.4953, -34.5529



45.1960, -0.5896, 2.4591



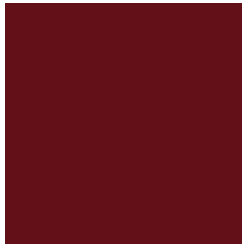
34.8560, -11.2680, 67.6553



74.7240, -24.0209, 144.9471

Previews

White Background



This preview shows how the YUV color 41.8430, -8.3036, 50.1267 looks on a white background.

Color Contrast Check

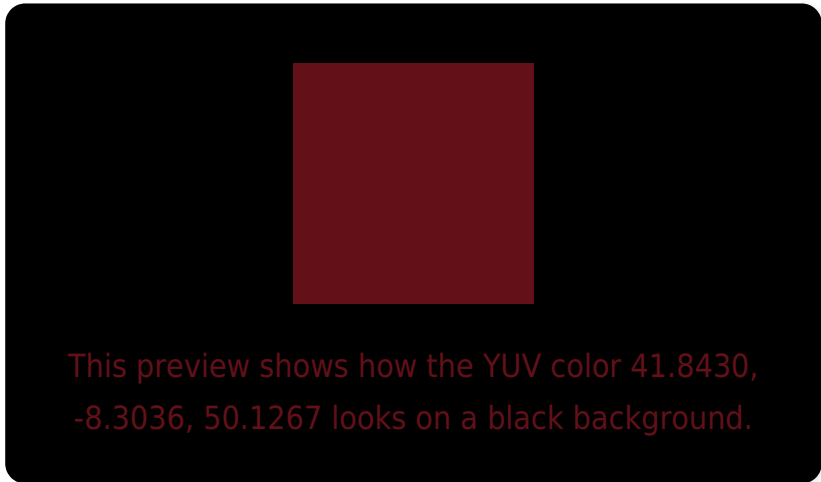
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8430, -8.3036, 50.1267

Background



This preview shows how black text looks on a background with the YUV color 41.8430, -8.3036, 50.1267.

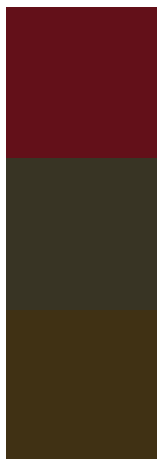


This preview shows how white text looks on a background with the YUV color 41.8430, -8.3036,

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

41.8430, -8.3036, 50.1267

Protanopia

51.3720, -7.5784, 4.0588

Deuteranopia

50.1790, -14.8782, 12.1210



Tritanopia

42.1050, -12.3768, 49.8969

Trichromacy



Original Color

41.8430, -8.3036, 50.1267

Protanomaly

48.0690, -7.9220, 20.9875

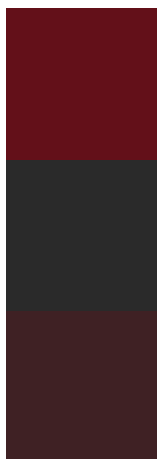
Deuteranomaly

47.2500, -12.4482, 26.0907

Tritanomaly

41.8600, -10.7770, 50.1118

Monochromacy



Original Color

41.8430, -8.3036, 50.1267

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3120, -3.1118, 18.1434

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8430, -8.3036, 50.1267 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(99, 16, 25)` looks like.

```
.text, #text, p{  
    color:rgb(99, 16, 25)  
}
```

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(99, 16, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 16, 25) }
```

Border

The CSS property to change the border of an element to YUV 41.8430, -8.3036, 50.1267 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(99, 16, 25) }
```


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

```
.border{ border-color:rgb(99, 16, 25) }
```

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

Here you see how a box with a 4 pixel rgb(99, 16, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 16, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 16, 25);  
box-shadow:4px 4px 4px 4px rgb(99, 16, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8430, -8.3036, 50.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 16, 25) }
```

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

```
.background{ background-color: rgb(99, 16,  
25) }
```

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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