

Converting Colors

YUV(42.6200, -6.7147, 53.8303)

Have a look what the booklet for
YUV(42.6200, -6.7147, 53.8303)
contains.

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Color

**YUV(42.6200, -6.7147,
53.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	680E1D
RGB	104, 14, 29
RGB Percent	41%, 5%, 11%
CMY	0.5922, 0.9451, 0.8863
CMYK	0.00, 0.87, 0.72, 0.59
HSL	350°, 76%, 23%
HSV	350°, 87%, 41%
XYZ	6.0877, 3.3458, 1.4873
YIQ	42.6200, 48.8250, 23.7450

Conversions

Conversions Part 2

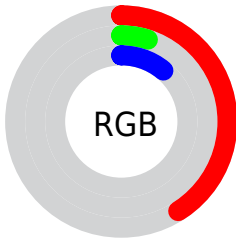
Format	Color
R_{YB}	104, 14, 29
Decimal	6819357
CIE _{Lab}	21.38, 38.94, 16.64
CIE _{LCh}	21, 42.341, 23.136
Yxy	3.3458, 0.5574, 0.3064
Android (android.graphics.Color)	4285009437 (0xFF680E1D)
YUV	42.6200, -6.7147, 53.8303
Hunter-Lab	18.2916, 27.3971, 7.9831

Details

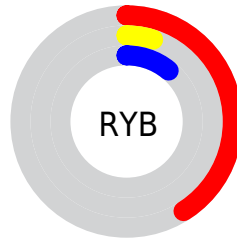
The YUV color **42.6200, -6.7147, 53.8303** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.3800, 6.7147, -53.8303**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2630, -11.9617, 56.7743**, and **15.6620, -7.2284, 31.8684** is the 20% darker color. If you saturate the color by 10%, you get **35.7240, -7.7519, 59.8781**, and if you desaturate by 10%, it is **49.5160, -5.6774, 47.7825**.

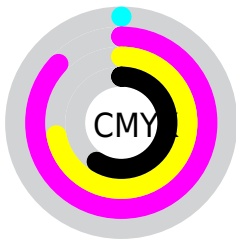
Distribution



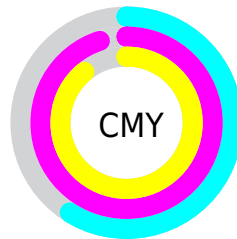
- Red (41%)
- Green (5%)
- Blue (11%)



- Red (41%)
- Yellow (5%)
- Blue (11%)



- Cyan (0%)
- Magenta (87%)
- Yellow (72%)
- Black (59%)



- Cyan (59%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6200, -6.7147, 53.8303 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 42.6200, -6.7147, 53.8303 by changing the saturation by 10% instead.

■ 42.6200, -6.7147,
53.8303

■ 42.6200, -6.7147,
53.8303

255.0000, 0.0000,
0.0000

■ 23.4790, -9.6031,
46.9379

■ 96.2630, -11.9617,
56.7743

■ 15.6620, -7.2284,
31.8684

■ 122.3450,
-12.9881, 59.3334

■ 1.4950, -0.7370,
3.0739

■ 149.1280,
-13.8671, 61.2777

■ 0.0000, 0.0000,
0.0000

■ 176.7970,
-15.1829, 63.3220

■ 197.5180,
-12.0874, 50.4117

■ 217.0320, -8.3968,

33.2979

237.2470, -4.5588,
15.5694

42.6200, -6.7147,
53.8303

42.6200, -6.7147,
53.8303

35.7240, -7.7519,
59.8781

49.5160, -5.6774,
47.7825

33.0340, -7.9048,
62.2372

56.8850, -5.3663,
41.3199

63.7810, -4.3290,
35.2721

71.2640, -3.5812,
28.7095

78.0460, -2.9807,
22.7617

■ 84.9420, -1.9434,
16.7139

■ 92.4250, -1.1955,
10.1513

■ 99.2070, -0.5951,
4.2035

■ 106.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



43.2080, 8.2785, 51.5606



42.6200, -6.7147, 53.8303



46.8790, -23.1113, 39.5711

Triad

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



42.6200, -6.7147, 53.8303



37.3060, -14.4479, -32.7174



46.4550, 33.2997, -40.7410

Complementary

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



42.6200, -6.7147, 53.8303



75.3800, 6.7147, -53.8303

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.



48.4950, 25.8850, -42.5301



42.6200, -6.7147, 53.8303



42.4700, 0.2613, -37.2462

Square

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



42.6200, -6.7147, 53.8303



46.0170, -22.6864, -3.5229



46.7050, 13.9494, -40.9603



48.2130, 30.4610, -16.8498

Rectangle

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



42.6200, -6.7147, 53.8303



48.5630, -23.9416, 25.8162



46.7050, 13.9494, -40.9603



47.9880, 31.5579, -42.0855

Sweetspot

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



42.6200, -6.7147, 53.8303



111.1490, -2.5385, 20.9173



46.6850, 28.2563, 37.1103



54.6210, -1.7852, 12.6104



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



42.6200, -6.7147, 53.8303



42.9870, -9.8536, 80.6954



58.5200, -21.9484, 39.8860



47.6090, -0.3002, 2.9739



36.5510, -8.6526, 68.7998



76.9180, -18.2006, 144.7769

Inverse Universe

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



42.6200, -6.7147, 53.8303



42.9870, -9.8536, 80.6954



59.4800, 21.9484, -39.8860



47.6090, -0.3002, 2.9739



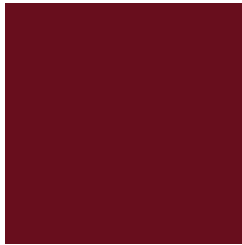
36.5510, -8.6526, 68.7998



76.9180, -18.2006, 144.7769

Previews

White Background



This preview shows how the YUV color 42.6200, -6.7147, 53.8303 looks on a white background.

Color Contrast Check

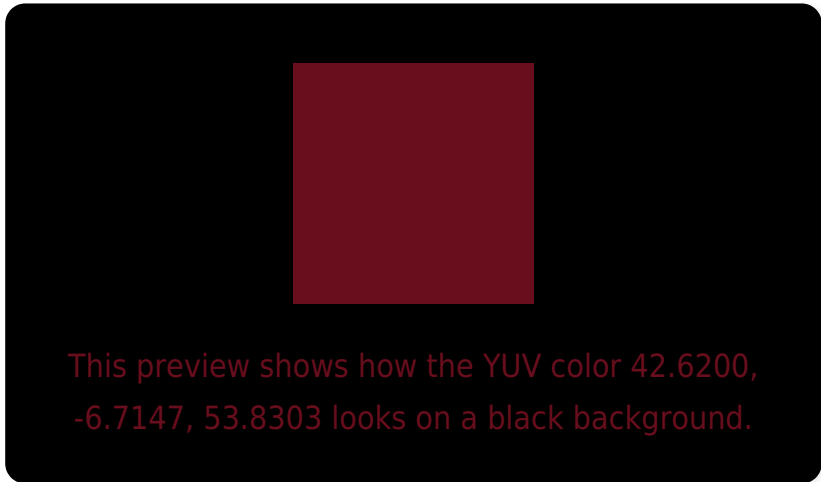
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6200, -6.7147, 53.8303

Background



This preview shows how black text looks on a background with the YUV color 42.6200, -6.7147, 53.8303.



This preview shows how white text looks on a background with the YUV color 42.6200, -6.7147,

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

42.6200, -6.7147, 53.8303

Protanopia

53.5290, -5.6838, 3.0441

Deuteranopia

52.7060, -14.1521, 12.5358



Tritanopia

42.8990, -13.2612, 53.5856

Trichromacy



Original Color

42.6200, -6.7147, 53.8303

Protanomaly

49.2370, -6.0328, 21.7172

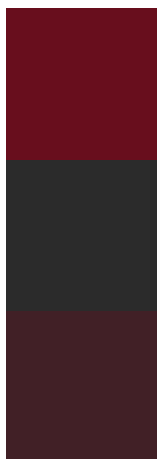
Deuteranomaly

49.1900, -11.4327, 27.0204

Tritanomaly

42.8820, -10.7878, 53.6005

Monochromacy



Original Color

42.6200, -6.7147, 53.8303

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.5510, -2.2436, 19.6878

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6200, -6.7147, 53.8303 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(104, 14, 29)` looks like.

```
.text, #text, p{  
    color:rgb(104, 14, 29)  
}
```

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(104, 14, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 14, 29) }
```

Border

The CSS property to change the border of an element to YUV 42.6200, -6.7147, 53.8303 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(104, 14, 29) }
```


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

```
.border{ border-color:rgb(104, 14, 29) }
```

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

Here you see how a box with a 4 pixel rgb(104, 14, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 14, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 14, 29);  
box-shadow:4px 4px 4px 4px rgb(104, 14,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 42.6200, -6.7147, 53.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 14, 29) }
```

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

```
.background{ background-color: rgb(104, 14,  
29) }
```

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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