

Converting Colors

YUV(83.3020, -41.0679,
105.8521)

Have a look what the booklet for
YUV(83.3020, -41.0679, 105.8521)
contains.

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Color

**YUV(83.3020, -41.0679,
105.8521)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2600
RGB	204, 38, 0
RGB Percent	80%, 15%, 0%
CMY	0.2000, 0.8510, 1.0000
CMYK	0.00, 0.81, 1.00, 0.20
HSL	11°, 100%, 40%
HSV	11°, 100%, 80%
XYZ	25.5950, 14.2236, 1.3964
YIQ	83.3020, 111.1340, 23.3740

Conversions

Conversions Part 2

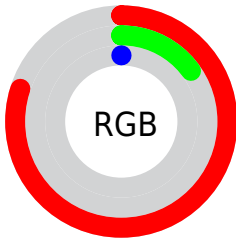
Format	Color
RYB	204, 47, 0
Decimal	13379072
CIELab	44.55, 61.88, 57.59
CIELCh	45, 84.530, 42.941
Yxy	14.2236, 0.6210, 0.3451
Android (android.graphics.Color)	4291569152 (0xFFCC2600)
YUV	83.3020, -41.0679, 105.8521
Hunter-Lab	37.7142, 55.1403, 24.2046

Details

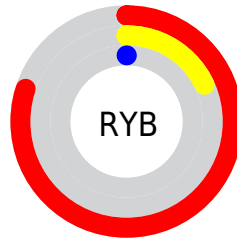
The YUV color **83.3020, -41.0679, 105.8521** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **120.6980, 41.0679, -105.8521**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2150, -42.5040, 99.7894**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **83.3020, -41.0679, 105.8521**, and if you desaturate by 10%, it is **95.5610, -37.2516, 95.1010**.

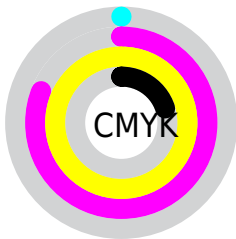
Distribution



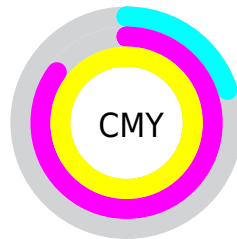
- Red (80%)
- Green (15%)
- Blue (0%)



- Red (80%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (100%)
- Black (20%)





- Cyan (20%)
- Magenta (85%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 83.3020, -41.0679, 105.8521 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 83.3020, -41.0679, 105.8521 by changing the saturation by 10% instead.


 83.3020, -41.0679,
105.8521


 83.3020, -41.0679,
105.8521


 253.5180, -5.6784,
1.2997

 51.4280, -25.3540,
105.7416


 141.2150,
-42.5040, 99.7894

 41.8600, -20.6370,
86.0688

 160.5010,
-39.6870, 82.8756

 32.2920, -15.9200,
66.3959

 180.3740,
-37.1594, 65.4470

 23.4360, -11.0609,
47.8526

 199.7740,
-33.9056, 48.4332

 14.8790, -6.3493,
29.9241


 219.8750,
-30.5044, 30.8046


 0.0000, 0.0000,
0.0000

 240.6770,


-26.9558, 12.5613


 250.3260,
-17.9087, 4.0991


 83.3020, -41.0679,
105.8521

 95.5610, -37.2516,
95.1010

 107.3470,
-32.7091, 84.7647

 119.6060,
-28.8928, 74.0135

 131.3920,
-24.3503, 63.6772

 143.6510,
-20.5339, 52.9261

■ 155.9100,
-16.7176, 42.1749

■ 167.6960,
-12.1751, 31.8386

■ 179.9550, -8.3588,
21.0875

■ 191.7410, -3.8163,
10.7511

Harmonies

Analogous

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



75.6830, 1.6353, 129.1970



83.3020, -41.0679, 105.8521



99.2080, -48.9095, 54.1916

Triad

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



83.3020, -41.0679, 105.8521



83.8510, -11.2655, -73.5373



89.6790, 77.0663, -78.6485

Complementary

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



83.3020, -41.0679, 105.8521



120.6980, 41.0679, -105.8521

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.



100.9630, 69.5312, -88.5446



83.3020, -41.0679, 105.8521



93.4610, 20.4787, -81.9653

Square

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



83.3020, -41.0679, 105.8521



73.3750, -36.1739, -64.3499



100.9850, 49.3074, -88.5638



104.8410, 51.8434, 31.7114

Rectangle

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



83.3020, -41.0679, 105.8521



98.4120, -48.5171, 21.5637



100.9850, 49.3074, -88.5638



95.3040, 75.7721, -83.5816

Sweetspot

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



83.3020, -41.0679, 105.8521



209.9420, -15.2544, 39.5159



80.0340, 42.8742, 108.7182



100.4500, -9.0959, 24.1613



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



83.3020, -41.0679, 105.8521



104.4210, -51.4796, 132.0578



142.5890, -70.2964, 53.8574



96.1640, -2.0529, 5.1182



67.8310, -33.4407, 86.0942



15.4710, -7.6272, 19.7579

Inverse Universe

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



120.6980, 41.0679, -105.8521



150.5790, 51.4796, -132.0578



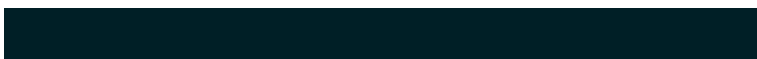
61.4110, 70.2964, -53.8574



97.8360, 2.0529, -5.1182



98.1690, 33.4407, -86.0942



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 83.3020, -41.0679, 105.8521 looks on a white background.

Color Contrast Check

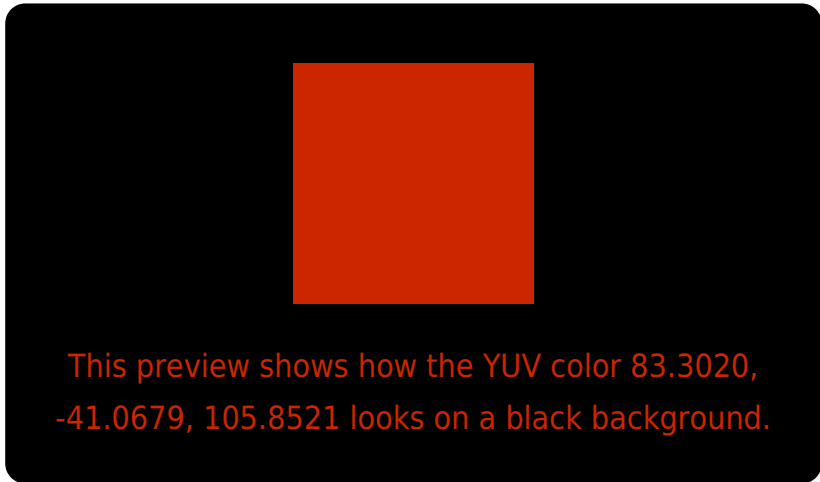
Large Text (above 18pt) WCAG AA ✓ Pass

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

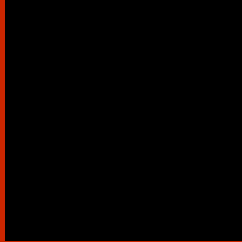
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3020, -41.0679, 105.8521

Background



This preview shows how black text looks on a background with the YUV color 83.3020, -41.0679, 105.8521.



This preview shows how white text looks on a background with the YUV color 83.3020, -41.0679,

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



Protanopia

101.5390, -37.7337, 16.1903

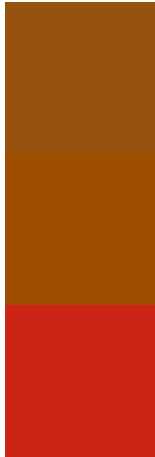
Deuteranopia

99.3530, -48.9810, 30.3854

Tritanopia

86.1180, -25.2012, 103.3825

Trichromacy



Protanomaly

95.1070, -38.9998, 49.0182

Deuteranomaly

93.3270, -46.0102, 57.5952

Tritanomaly

85.2230, -31.1689, 104.1674

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3440, -14.9596, 38.2863

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3020, -41.0679, 105.8521 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(204, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 38, 0)  
}
```

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(204, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 38, 0) }
```

Border

The CSS property to change the border of an element to YUV 83.3020, -41.0679, 105.8521 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(204, 38, 0) }
```

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

```
.border{ border-color:rgb(204, 38, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 38, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 38, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 38, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 38, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 83.3020, -41.0679, 105.8521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 38, 0) }
```

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

```
.background{ background-color: rgb(204, 38,  
0) }
```

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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