

Converting Colors

YUV(83.1020, -40.9693,
120.9365)

Have a look what the booklet for
YUV(83.1020, -40.9693, 120.9365)
contains.

YUV(83.1020, -40.9693, 120.9365)	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>	30

Color

**YUV(83.1020, -40.9693,
120.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	DD1D00
RGB	221, 29, 0
RGB Percent	87%, 11%, 0%
CMY	0.1333, 0.8863, 1.0000
CMYK	0.00, 0.87, 1.00, 0.13
HSL	8°, 100%, 43%
HSV	8°, 100%, 87%
XYZ	30.2582, 16.2509, 1.5420
YIQ	83.1020, 123.7410, 31.6850

Conversions

Conversions Part 2

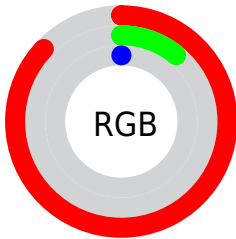
Format	Color
RYB	221, 33, 0
Decimal	14490880
CIELab	47.30, 68.55, 60.75
CIELCh	47, 91.600, 41.548
Yxy	16.2509, 0.6297, 0.3382
Android (android.graphics.Color)	4292680960 (0xFFDD1D00)
YUV	83.1020, -40.9693, 120.9365
Hunter-Lab	40.3124, 63.4340, 25.9508

Details

The YUV color **83.1020, -40.9693, 120.9365** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **137.8980, 40.9693, -120.9365**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1550, -41.4884, 100.7191**, and **46.3450, -22.8481, 95.2904** is the 20% darker color. If you saturate the color by 10%, you get **83.1020, -40.9693, 120.9365**, and if you desaturate by 10%, it is **96.7630, -36.8582, 108.9558**.

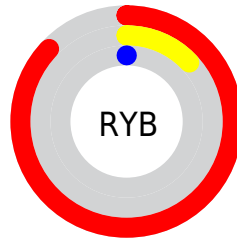
Distribution



Red (87%)

Green (11%)

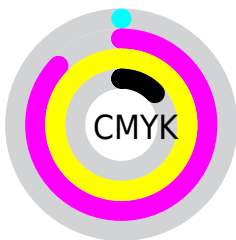
Blue (0%)



Red (87%)

Yellow (13%)

Blue (0%)

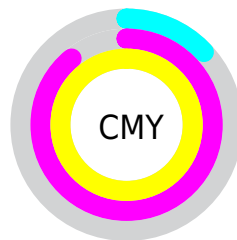


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (89%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.1020, -40.9693, 120.9365 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 83.1020, -40.9693, 120.9365 by changing the saturation by 10% instead.


 83.1020, -40.9693,
120.9365

 83.1020, -40.9693,
120.9365


 253.7460, -4.8048,
1.0998


 56.2120, -27.7125,
115.5781


 140.1550,
-41.4884, 100.7191

 46.3450, -22.8481,
95.2904


 160.0280,
-38.9608, 83.2904


 36.7770, -18.1311,
75.6176


 180.0150,
-35.9964, 65.7618

 27.6220, -13.1246,
56.4595

 200.5890,
-33.3214, 47.7184

 19.1790, -7.9762,
38.4310

 220.6900,
-29.9202, 30.0899

 8.1870, -3.5432,
16.4990


 241.3780,


 0.0000, 0.0000,


-26.8084, 11.9465


0.0000


 250.4400,
-17.4719, 3.9991


 83.1020, -40.9693,
120.9365

 96.7630, -36.8582,
108.9558

 110.4240,
-32.7470, 96.9752

 124.6720,
-28.9253, 84.4797

 138.3330,
-24.8142, 72.4990

 152.1080,
-20.2662, 60.4183

■ 165.7690,
-16.1551, 48.4376

■ 179.4300,
-12.0440, 36.4569

■ 193.6780, -8.2223,
23.9614

■ 207.3390, -4.1111,
11.9807

Harmonies

Analogous

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



81.6780, 2.6237, 138.8484



83.1020, -40.9693, 120.9365



105.1550, -51.8414, 61.2541

Triad

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



83.1020, -40.9693, 120.9365



88.9060, -14.7437, -77.9706



95.9880, 78.3929, -84.1815

Complementary

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



83.1020, -40.9693, 120.9365



137.8980, 40.9693, -120.9365

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.



108.3150, 72.3157, -94.9923



83.1020, -40.9693, 120.9365



99.4280, 20.4950, -87.1984

Square

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



83.1020, -40.9693, 120.9365



78.0710, -38.4890, -68.4683



107.7500, 52.3813, -94.4968



111.2520, 58.5428, 29.5970

Rectangle

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



83.1020, -40.9693, 120.9365



105.2230, -51.8749, 25.2374



107.7500, 52.3813, -94.4968



101.2710, 75.7884, -88.8147

Sweetspot

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



83.1020, -40.9693, 120.9365



207.5940, -14.0968, 41.5751



88.3090, 52.5987, 116.3700



99.2760, -8.5171, 25.1909



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.



83.1020, -40.9693, 120.9365



95.6160, -47.1387, 139.7798



145.9110, -71.9341, 65.8531



102.8760, -1.9109, 6.2477



65.2280, -32.1574, 94.5160



17.2760, -8.5171, 25.1909

Inverse Universe

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



137.8980, 40.9693, -120.9365



159.3840, 47.1387, -139.7798



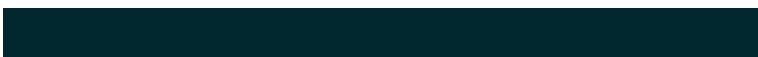
75.0890, 71.9341, -65.8531



105.5370, 2.2003, -5.7329



108.3590, 31.8680, -95.0308



28.7240, 8.5171, -25.1909

Previews

White Background



This preview shows how the YUV color 83.1020, -40.9693, 120.9365 looks on a white background.

Color Contrast Check

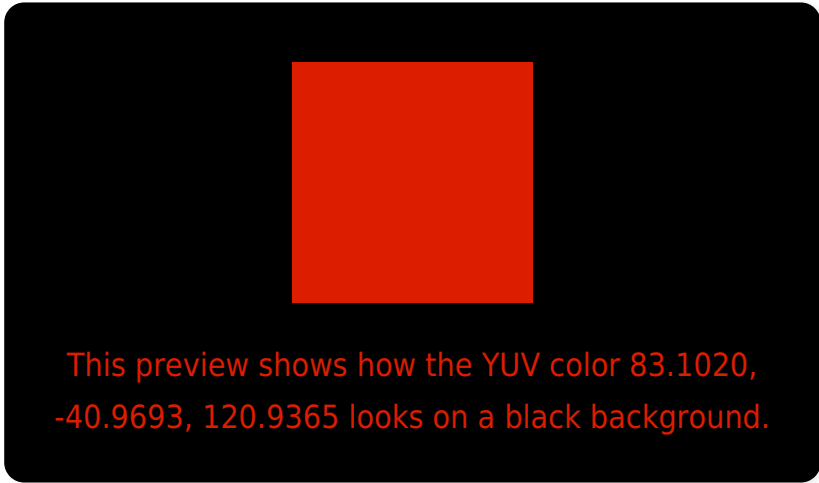
Large Text (above 18pt) WCAG AA ✓ Pass

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

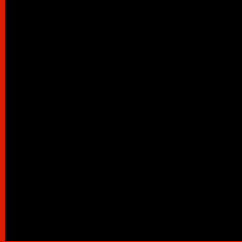
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1020, -40.9693, 120.9365

Background



This preview shows how black text looks on a background with the YUV color 83.1020, -40.9693, 120.9365.



This preview shows how white text looks on a background with the YUV color 83.1020, -40.9693,

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

108.0830, -39.4809, 16.5902

Deuteranopia

106.1530, -52.3334, 32.3148

Tritanopia

85.1370, -30.6335, 119.1519

Trichromacy



Protanomaly

98.9120, -39.8896, 54.4512

Deuteranomaly

97.5020, -48.0685, 64.4577

Tritanomaly

84.2250, -34.1279, 119.9517

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7900, -14.6865, 44.0342

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1020, -40.9693, 120.9365 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(221, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 29, 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(221, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 29, 0) }
```

Border

The CSS property to change the border of an element to YUV 83.1020, -40.9693, 120.9365 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(221, 29, 0) }
```

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

```
.border{ border-color:rgb(221, 29, 0) }
```

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

Here you see how a box with a 4 pixel rgb(221, 29, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 29, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 83.1020, -40.9693, 120.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 29, 0) }
```

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

```
.background{ background-color: rgb(221, 29,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor