

Converting Colors

YUV(87.2790, -43.0285,
81.3163)

Have a look what the booklet for
YUV(87.2790, -43.0285, 81.3163)
contains.

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Color

**YUV(87.2790, -43.0285,
81.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	B43900
RGB	180, 57, 0
RGB Percent	71%, 22%, 0%
CMY	0.2941, 0.7765, 1.0000
CMYK	0.00, 0.68, 1.00, 0.29
HSL	19°, 100%, 35%
HSV	19°, 100%, 71%
XYZ	20.2855, 12.6296, 1.3686
YIQ	87.2790, 91.6050, 8.3490

Conversions

Conversions Part 2

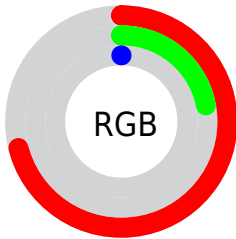
Format	Color
R_{YB}	180, 83, 0
Decimal	11811072
CIE Lab	42.20, 47.94, 53.84
CIE LCh	42, 72.094, 48.317
Yxy	12.6296, 0.5917, 0.3684
Android (android.graphics.Color)	4290001152 (0xFFB43900)
YUV	87.2790, -43.0285, 81.3163
Hunter-Lab	35.5381, 39.6981, 22.5934

Details

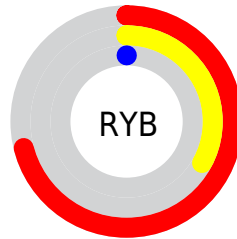
The YUV color **87.2790, -43.0285, 81.3163** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.7210, 43.0285, -81.3163**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4970, -43.6290, 87.2641**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **87.2790, -43.0285, 81.3163**, and if you desaturate by 10%, it is **96.3750, -38.6389, 73.3391**.

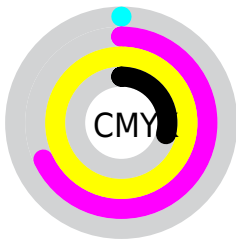
Distribution



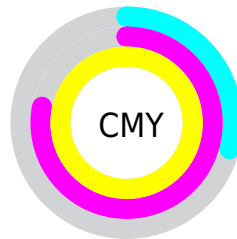
- Red (71%)
- Green (22%)
- Blue (0%)



- Red (71%)
- Yellow (33%)
- Blue (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2790, -43.0285, 81.3163 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 87.2790, -43.0285, 81.3163 by changing the saturation by 10% instead.

87.2790, -43.0285,
81.3163

87.2790, -43.0285,
81.3163

253.5180, -5.6784,
1.2997

60.9870, -30.0666,
77.1874

143.4970,
-43.6290, 87.2641

35.2820, -17.3940,
72.5437

165.7840,
-42.2915, 78.2424

26.3120, -12.9718,
54.1004

185.0700,
-39.4745, 61.3286

18.3530, -8.5550,
37.4014

204.4700,
-36.2207, 44.3148

8.4860, -3.6906,
17.1138


224.5710,
-32.8195, 26.6862


0.0000, 0.0000,
0.0000

244.7860,


-28.9815, 8.9577


 250.3260,
-17.9087, 4.0991

 87.2790, -43.0285,
81.3163

 96.3750, -38.6389,
73.3391

 106.0580,
-34.5386, 64.8471

 115.1540,
-30.1489, 56.8699

 124.2500,
-25.7592, 48.8927

 133.9330,
-21.6590, 40.4008

■ 143.0290,
-17.2693, 32.4236

■ 152.1250,
-12.8796, 24.4464

■ 161.2210, -8.4900,
16.4692

■ 170.9040, -4.3897,
7.9772

Harmonies

Analogous

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



67.4380, -0.2159, 116.2569



87.2790, -43.0285, 81.3163



94.4020, -46.5402, 40.8664

Triad

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



87.2790, -43.0285, 81.3163



80.5230, -3.7088, -70.6187



80.1610, 65.9826, -70.3012

Complementary

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



87.2790, -43.0285, 81.3163



92.7210, 43.0285, -81.3163

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.



91.7700, 62.2314, -80.4823



87.2790, -43.0285, 81.3163



88.2920, 23.5200, -77.4321

Square

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



87.2790, -43.0285, 81.3163



69.2660, -34.1481, -60.7463



93.0460, 46.8123, -81.6013



99.6820, 39.5968, 39.7439

Rectangle

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



87.2790, -43.0285, 81.3163



92.4540, -45.5798, 12.7568



93.0460, 46.8123, -81.6013



84.8400, 66.1409, -74.4047

Sweetspot

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



87.2790, -43.0285, 81.3163



198.7300, -17.1219, 31.8088



67.8420, 27.1929, 98.3626



95.1890, -9.9532, 19.1282



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



87.2790, -43.0285, 81.3163



113.7030, -56.0556, 106.3775



140.1090, -69.0737, 34.9844



84.4520, -2.1948, 3.9886



73.9230, -36.4440, 69.3505



12.4700, -6.1477, 11.8658

Inverse Universe

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



92.7210, 43.0285, -81.3163



120.7100, 56.3450, -105.8627



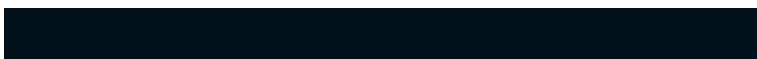
39.8910, 69.0737, -34.9844



84.5480, 2.1948, -3.9886



79.0770, 36.4440, -69.3505



12.9430, 6.4371, -11.3510

Previews

White Background



This preview shows how the YUV color 87.2790, -43.0285, 81.3163 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



This preview shows how the YUV color 87.2790, -43.0285, 81.3163 looks on a 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 87.2790, -43.0285, 81.3163

Background



This preview shows how black text looks on a background with the YUV color 87.2790, -43.0285, 81.3163.



This preview shows how white text looks on a background with the YUV color 87.2790, -43.0285,

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

87.2790, -43.0285, 81.3163

Protanopia

95.2400, -37.5863, 15.5755

Deuteranopia

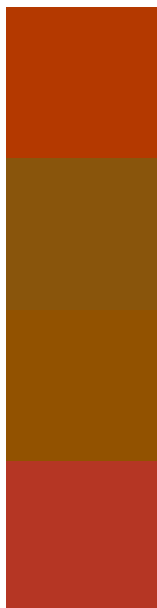
94.3250, -46.5022, 28.6560



Tritanopia

91.6140, -17.5577, 78.3915

Trichromacy



Original Color

87.2790, -43.0285, 81.3163

Protanomaly

92.2260, -39.5514, 39.2668

Deuteranomaly

91.7880, -45.2515, 47.5439

Tritanomaly

89.9210, -26.5831, 79.8763

Monochromacy



Original Color

87.2790, -43.0285, 81.3163

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0610, -15.8061, 29.7645

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2790, -43.0285, 81.3163 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(180, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 57, 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(180, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 57, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.2790, -43.0285, 81.3163 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(180, 57, 0) }
```


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

```
.border{ border-color:rgb(180, 57, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 57, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.2790, -43.0285, 81.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 57, 0) }
```

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

```
.background{ background-color: rgb(180, 57,  
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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