

Converting Colors

YUV(113.4970, -43.6290,
87.2641)

Have a look what the booklet for
YUV(113.4970, -43.6290, 87.2641)
contains.

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Color

**YUV(113.4970, -43.6290,
87.2641)**

Conversions

Conversions Part 1

Format	Color
Hex	D55019
RGB	213, 80, 25
RGB Percent	84%, 31%, 10%
CMY	0.1647, 0.6863, 0.9020
CMYK	0.00, 0.62, 0.88, 0.16
HSL	18°, 79%, 47%
HSV	18°, 88%, 84%
XYZ	30.4847, 19.9536, 3.1644
YIQ	113.4970, 96.9230, 11.0910

Conversions

Conversions Part 2

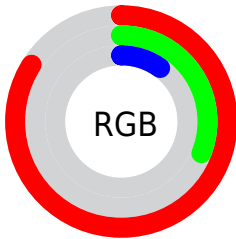
Format	Color
R_{YB}	213, 103, 25
Decimal	13979673
CIE Lab	51.78, 50.08, 55.38
CIE LCh	52, 74.666, 47.877
Yxy	19.9536, 0.5687, 0.3723
Android (android.graphics.Color)	4292169753 (0xFFD55019)
YUV	113.4970, -43.6290, 87.2641
Hunter-Lab	44.6695, 43.6457, 27.0685

Details

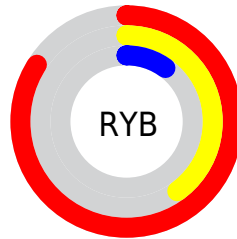
The YUV color **113.4970, -43.6290, 87.2641** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **124.5030, 43.6290, -87.2641**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5670, -43.1705, 80.1867**, and **57.1770, -28.1883, 81.4058** is the 20% darker color. If you saturate the color by 10%, you get **102.2980, -48.4609, 97.0857**, and if you desaturate by 10%, it is **124.6960, -38.7971, 77.4426**.

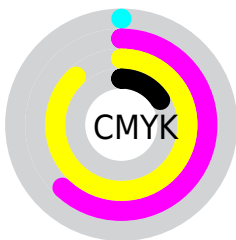
Distribution



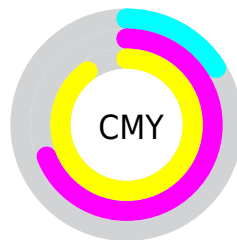
- Red (84%)
- Green (31%)
- Blue (10%)



- Red (84%)
- Yellow (40%)
- Blue (10%)



- Cyan (0%)
- Magenta (62%)
- Yellow (88%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4970, -43.6290, 87.2641 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 113.4970, -43.6290, 87.2641 by changing the saturation by 10% instead.

■ 113.4970,
-43.6290, 87.2641

■ 113.4970,
-43.6290, 87.2641

255.0000, 0.0000,
0.0000

■ 85.2300, -42.0184,
83.9903

■ 163.5670,
-43.1705, 80.1867

■ 57.1770, -28.1883,
81.4058

■ 182.8530,
-40.3535, 63.2729

■ 35.5810, -17.5414,
73.1585

■ 202.2530,
-37.0997, 46.2591

■ 26.6110, -13.1192,
54.7152

■ 221.7670,
-33.4091, 29.1453

■ 18.4670, -8.1182,
37.3014

■ 242.4550,
-30.2973, 11.0020

■ 8.4860, -3.6906,
17.1138

■ 249.8700,

■ 0.0000, 0.0000,

-19.6559, 4.4990

0.0000

253.0620, -7.4256,
1.6996

113.4970,
-43.6290, 87.2641

113.4970,
-43.6290, 87.2641

102.2980,
-48.4609, 97.0857

124.6960,
-38.7971, 77.4426

100.0810,
-49.3399, 99.0300

136.0090,
-33.5284, 67.5211

147.2080,
-28.6965, 57.6996

158.4070,
-23.8647, 47.8781

169.7200,
-18.5960, 37.9566

■ 180.9190,
-13.7641, 28.1350

■ 192.1180, -8.9322,
18.3135

■ 203.9040, -4.3897,
7.9772

■ 215.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



106.2280, -8.4934, 111.1790



113.4970, -43.6290, 87.2641



116.2860, -57.3290, 47.9842

Triad

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



113.4970, -43.6290, 87.2641



98.1790, -2.0602, -86.1030



106.6930, 69.1714, -66.3828

Complementary

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



113.4970, -43.6290, 87.2641



124.5030, 43.6290, -87.2641

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.



110.0930, 68.9742, -96.5516



113.4970, -43.6290, 87.2641



106.9910, 26.6264, -93.8311

Square

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



113.4970, -43.6290, 87.2641



87.3350, -32.2102, -75.7158



112.3150, 52.1027, -98.5003



125.2630, 41.7753, 40.9883

Rectangle

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



113.4970, -43.6290, 87.2641



114.0280, -56.2158, 17.5154



112.3150, 52.1027, -98.5003



102.6900, 73.6098, -90.0591

Sweetspot

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



113.4970, -43.6290, 87.2641



219.8870, -15.2273, 30.7941



96.6020, 31.2552, 102.0810



107.0040, -9.3690, 18.4135



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.



113.4970, -43.6290, 87.2641



120.2700, -59.2931, 118.1582



167.5010, -70.2530, 39.9026



101.6370, -2.7790, 4.7034



80.4790, -39.6761, 79.3869



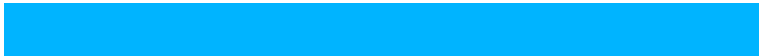
20.4880, -10.1006, 19.7430

Inverse Universe

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



124.5030, 43.6290, -87.2641



134.7300, 59.2931, -118.1582



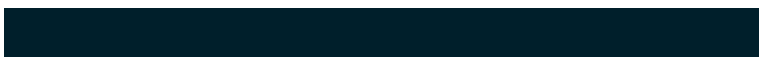
70.4990, 70.2530, -39.9026



101.9500, 2.4897, -5.2181



90.5210, 39.6761, -79.3869



23.0990, 9.8112, -20.2578

Previews

White Background



This preview shows how the YUV color 113.4970, -43.6290, 87.2641 looks on a white 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

Black Background



This preview shows how the YUV color 113.4970, -43.6290, 87.2641 looks on a black 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

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

YUV 113.4970, -43.6290, 87.2641

Background



This preview shows how black text looks on a background with the YUV color 113.4970, -43.6290, 87.2641.



This preview shows how white text looks on a background with the YUV color 113.4970, -43.6290, 87.2641.

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

113.4970, -43.6290, 87.2641

Protanopia

118.4530, -40.6493, 18.0197

Deuteranopia

116.2090, -57.2910, 35.7737



Tritanopia

117.3160, -18.8898, 85.6689

Trichromacy



Original Color

113.4970, -43.6290, 87.2641

Protanomaly

116.6780, -41.7463, 43.2554

Deuteranomaly

114.9970, -52.2565, 54.3766

Tritanomaly

115.9110, -28.0571, 86.0241

Monochromacy



Original Color

113.4970, -43.6290, 87.2641

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0720, -15.8115, 31.5089

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4970, -43.6290, 87.2641 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(213, 80, 25)` looks like.

```
.text, #text, p{  
  color:rgb(213, 80, 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(213, 80, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 80, 25) }
```

Border

The CSS property to change the border of an element to YUV 113.4970, -43.6290, 87.2641 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(213, 80, 25) }
```


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

```
.border{ border-color:rgb(213, 80, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 80, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 80, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 80, 25);  
box-shadow:4px 4px 4px 4px rgb(213, 80,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 113.4970, -43.6290, 87.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 80, 25) }
```

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

```
.background{ background-color: rgb(213, 80,  
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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