

Converting Colors

YUV(83.0620, -27.1456,
73.6136)

Have a look what the booklet for
YUV(83.0620, -27.1456, 73.6136)
contains.

YUV(83.0620, -27.1456, 73.6136)	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>	31

Color

**YUV(83.0620, -27.1456,
73.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	A7331C
RGB	167, 51, 28
RGB Percent	65%, 20%, 11%
CMY	0.3451, 0.8000, 0.8902
CMYK	0.00, 0.69, 0.83, 0.35
HSL	10°, 71%, 38%
HSV	10°, 83%, 65%
XYZ	17.3298, 10.6670, 2.2442
YIQ	83.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

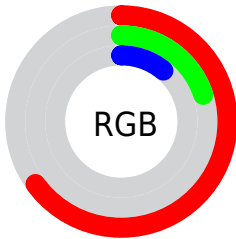
Format	Color
RYB	167, 56, 28
Decimal	10957596
CIELab	39.01, 46.39, 40.02
CIElCh	39, 61.268, 40.778
Yxy	10.6670, 0.5731, 0.3527
Android (android.graphics.Color)	4289147676 (0xFFA7331C)
YUV	83.0620, -27.1456, 73.6136
Hunter-Lab	32.6603, 37.5576, 18.7883

Details

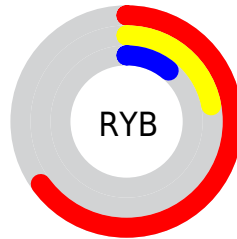
The YUV color **83.0620, -27.1456, 73.6136** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **111.9380, 27.1456, -73.6136**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9550, -31.5298, 79.8465**, and **31.9930, -15.7725, 65.7811** is the 20% darker color. If you saturate the color by 10%, you get **72.9060, -30.5197, 82.5204**, and if you desaturate by 10%, it is **93.2180, -23.7715, 64.7068**.

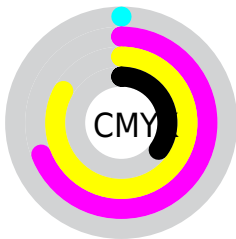
Distribution



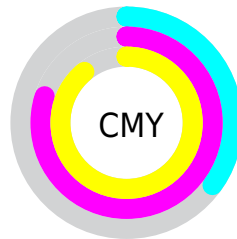
- Red (65%)
- Green (20%)
- Blue (11%)



- Red (65%)
- Yellow (22%)
- Blue (11%)



- Cyan (0%)
- Magenta (69%)
- Yellow (83%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0620, -27.1456, 73.6136 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 83.0620, -27.1456, 73.6136 by changing the saturation by 10% instead.

83.0620, -27.1456,
73.6136

83.0620, -27.1456,
73.6136

255.0000, 0.0000,
0.0000

53.7460, -24.5248,
73.0138

137.9550,
-31.5298, 79.8465

31.9930, -15.7725,
65.7811

164.4280,
-32.2560, 79.4316

23.0230, -11.3503,
47.3378

183.1270,
-29.1496, 63.0326

15.7760, -6.7916,
31.7684

202.5270,
-25.8958, 46.0188

0.0000, 0.0000,
0.0000

222.6280,
-22.4946, 28.3902

242.8430,

-18.6566, 10.6617

■ 252.4920, -9.6096,
2.1995

■ 83.0620, -27.1456,
73.6136

■ 83.0620, -27.1456,
73.6136

■ 72.9060, -30.5197,
82.5204

■ 93.2180, -23.7715,
64.7068

■ 66.3690, -32.7199,
88.2534

■ 103.2600,
-20.8342, 55.9000

■ 113.4160,
-17.4601, 46.9932

■ 123.5720,
-14.0860, 38.0864

■ 133.6140,
-11.1487, 29.2795

■ 143.7700, -7.7746,
20.3727

■ 153.9260, -4.4005,
11.4659

■ 163.4950, -0.7370,
3.0739

■ 173.5370, 2.2003,
-5.7329

Harmonies

Analogous

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



76.5610, -0.2766, 88.9620



83.0620, -27.1456, 73.6136



86.4610, -42.6253, 45.1997

Triad

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



83.0620, -27.1456, 73.6136



71.6550, -7.2249, -62.8414



75.7780, 56.8044, -66.4573

Complementary

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



83.0620, -27.1456, 73.6136



111.9380, 27.1456, -73.6136

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.



83.5400, 51.0058, -73.2646



83.0620, -27.1456, 73.6136



78.7570, 14.9098, -69.0699

Square

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



83.0620, -27.1456, 73.6136



72.6870, -35.8347, -33.0515



83.5280, 35.7287, -73.2541



93.7410, 36.6097, 17.7671

Rectangle

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



83.0620, -27.1456, 73.6136



86.0190, -42.4074, 21.9083



83.5280, 35.7287, -73.2541



79.5280, 55.9417, -69.7461

Sweetspot

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



83.0620, -27.1456, 73.6136



184.4290, -10.5645, 28.5648



83.0130, 31.0526, 73.6566



89.8020, -6.3114, 17.7136



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



83.0620, -27.1456, 73.6136



86.0150, -42.4054, 114.8738



122.3910, -46.5348, 39.1221



78.9790, -1.4686, 4.4034



58.3400, -28.7616, 78.6318



7.7410, -3.8163, 10.7511

Inverse Universe

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



111.9380, 27.1456, -73.6136



130.9850, 42.4054, -114.8738



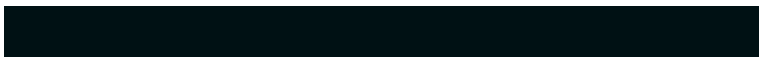
72.6090, 46.5348, -39.1221



81.0210, 1.4686, -4.4034



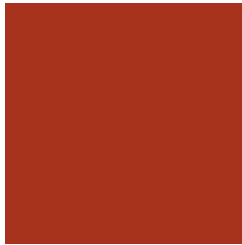
89.0730, 29.0510, -78.1170



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 83.0620, -27.1456, 73.6136 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 83.0620, -27.1456, 73.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

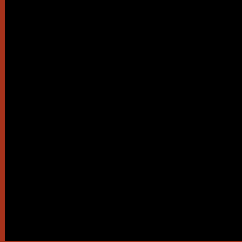
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0620, -27.1456, 73.6136

Background



This preview shows how black text looks on a background with the YUV color 83.0620, -27.1456, 73.6136.



This preview shows how white text looks on a background with the YUV color 83.0620, -27.1456,

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

83.0620, -27.1456, 73.6136

Protanopia

89.8340, -25.0612, 11.5466

Deuteranopia

88.2350, -36.5979, 25.2269



Tritanopia

84.2220, -16.3784, 73.4733

Trichromacy



Original Color

83.0620, -27.1456, 73.6136

Protanomaly

87.4500, -25.8578, 33.8084

Deuteranomaly

86.5560, -33.3051, 42.4854

Tritanomaly

83.8970, -20.1622, 73.7583

Monochromacy



Original Color

83.0620, -27.1456, 73.6136

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9450, -9.8329, 27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0620, -27.1456, 73.6136 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(167, 51, 28)` looks like.

```
.text, #text, p{  
    color:rgb(167, 51, 28)  
}
```

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(167, 51, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 51, 28) }
```

Border

The CSS property to change the border of an element to YUV 83.0620, -27.1456, 73.6136 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(167, 51, 28) }
```


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

```
.border{ border-color:rgb(167, 51, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 51, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 51, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 51, 28);  
box-shadow:4px 4px 4px 4px rgb(167, 51,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 83.0620, -27.1456, 73.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 51, 28) }
```

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

```
.background{ background-color: rgb(167, 51,  
28) }
```

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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