

Converting Colors

YUV(83.6140, -27.9107,
38.9265)

Have a look what the booklet for
YUV(83.6140, -27.9107, 38.9265)
contains.

YUV(83.6140, -27.9107, 38.9265)	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(83.6140, -27.9107,
38.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	80481B
RGB	128, 72, 27
RGB Percent	50%, 28%, 11%
CMY	0.4980, 0.7176, 0.8941
CMYK	0.00, 0.44, 0.79, 0.50
HSL	27°, 65%, 30%
HSV	27°, 79%, 50%
XYZ	11.4173, 9.3031, 2.2308
YIQ	83.6140, 47.8210, -2.1230

Conversions

Conversions Part 2

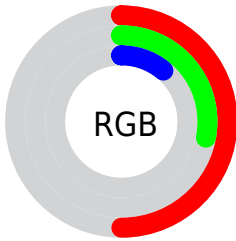
Format	Color
R_{YB}	128, 108, 27
Decimal	8407067
CIE Lab	36.56, 20.15, 35.90
CIE LCh	37, 41.164, 60.696
Yxy	9.3031, 0.4975, 0.4053
Android (android.graphics.Color)	4286597147 (0xFF80481B)
YUV	83.6140, -27.9107, 38.9265
Hunter-Lab	30.5009, 13.4406, 17.0142

Details

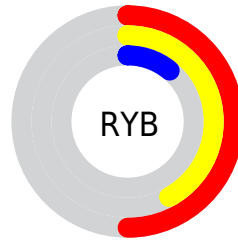
The YUV color **83.6140, -27.9107, 38.9265** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.3860, 27.9107, -38.9265**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7780, -29.9636, 44.0447**, and **37.9750, -18.7217, 31.5939** is the 20% darker color. If you saturate the color by 10%, you get **78.0230, -31.5633, 43.8298**, and if you desaturate by 10%, it is **89.2050, -24.2581, 34.0232**.

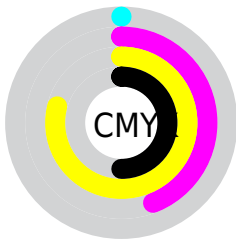
Distribution



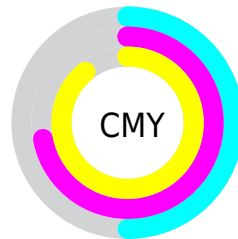
- Red (50%)
- Green (28%)
- Blue (11%)



- Red (50%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (79%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6140, -27.9107, 38.9265 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 83.6140, -27.9107, 38.9265 by changing the saturation by 10% instead.

83.6140, -27.9107,
38.9265

83.6140, -27.9107,
38.9265

255.0000, 0.0000,
0.0000

59.0050, -27.6105,
35.9526

134.7780,
-29.9636, 44.0447

37.9750, -18.7217,
31.5939

161.4470,
-31.2794, 46.0890

17.5750, -8.6645,
25.8057

189.1160,
-32.5952, 48.1333

4.1860, -2.0637,
8.6069

211.3320,
-30.2367, 38.2968

0.0000, 0.0000,
0.0000

230.8460,
-26.5461, 21.1831

249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

83.6140, -27.9107,
38.9265

83.6140, -27.9107,
38.9265

78.0230, -31.5633,
43.8298

89.2050, -24.2581,
34.0232

72.4320, -35.2160,
48.7331

94.7960, -20.6054,
29.1199

71.7310, -35.3634,
49.3479

100.2730,
-17.3896, 24.3166

105.8640,
-13.7370, 19.4133

111.4550,
-10.0843, 14.5100

■ 117.6330, -6.7211,
9.0919

■ 123.2240, -3.0684,
4.1886

■ 128.7010, 0.1474,
-0.6148

■ 134.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



83.8450, -14.7136, 52.7559



83.6140, -27.9107, 38.9265



81.6470, -34.8290, 17.8496

Triad

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



83.6140, -27.9107, 38.9265



69.6780, 8.0467, -61.1076



87.5140, 27.3546, -0.4508

Complementary

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



83.6140, -27.9107, 38.9265



71.3860, 27.9107, -38.9265

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.



70.1580, 40.3481, -61.5286



83.6140, -27.9107, 38.9265



72.8530, 22.7505, -63.8921

Square

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



83.6140, -27.9107, 38.9265



67.9280, -7.8525, -48.1719



73.8280, 34.1018, -64.7472



88.2210, 15.1740, 33.1322

Rectangle

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



83.6140, -27.9107, 38.9265



79.5740, -30.8490, 1.2506



73.8280, 34.1018, -64.7472



85.0390, 31.0398, -15.8202

Sweetspot

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



83.6140, -27.9107, 38.9265



148.5260, -11.1053, 15.3247



63.6970, 10.0094, 56.3937



73.6330, -6.7211, 9.0919



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



83.6140, -27.9107, 38.9265



96.3320, -43.5477, 61.0988



112.3770, -42.0909, 13.7014



60.8540, -1.9000, 2.7590



71.7310, -35.3634, 49.3479



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.3860, 27.9107, -38.9265



77.6680, 43.5477, -61.0988



42.6230, 42.0909, -13.7014



60.1460, 1.9000, -2.7590



56.2690, 35.3634, -49.3479



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 83.6140, -27.9107, 38.9265 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 ✓ Pass

Black Background



This preview shows how the YUV color 83.6140, -27.9107, 38.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

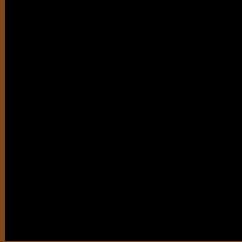
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6140, -27.9107, 38.9265

Background



This preview shows how black text looks on a background with the YUV color 83.6140, -27.9107, 38.9265.



This preview shows how white text looks on a background with the YUV color 83.6140, -27.9107,

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

83.6140, -27.9107, 38.9265

Protanopia

83.6060, -25.9348, 11.7465

Deuteranopia

83.3470, -29.7511, 22.4977



Tritanopia

86.4070, -7.1027, 38.2311

Trichromacy



Original Color

83.6140, -27.9107, 38.9265

Protanomaly

83.8460, -26.5461, 21.1831

Deuteranomaly

83.2060, -29.1886, 28.7603

Tritanomaly

85.4580, -14.5228, 38.1863

Monochromacy



Original Color

83.6140, -27.9107, 38.9265

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0420, -10.3737, 13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6140, -27.9107, 38.9265 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(128, 72, 27)` looks like.

```
.text, #text, p{  
    color:rgb(128, 72, 27)  
}
```

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(128, 72, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 72, 27) }
```

Border

The CSS property to change the border of an element to YUV 83.6140, -27.9107, 38.9265 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(128, 72, 27) }
```


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

```
.border{ border-color:rgb(128, 72, 27) }
```

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

Here you see how a box with a 4 pixel rgb(128, 72, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 72, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 72, 27);  
box-shadow:4px 4px 4px 4px rgb(128, 72,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 83.6140, -27.9107, 38.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 72, 27) }
```

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

```
.background{ background-color: rgb(128, 72,  
27) }
```

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