

Converting Colors

YUV(87.4840, -27.3536,
46.9335)

Have a look what the booklet for
YUV(87.4840, -27.3536, 46.9335)
contains.

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Color

**YUV(87.4840, -27.3536,
46.9335)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4720
RGB	141, 71, 32
RGB Percent	55%, 28%, 13%
CMY	0.4471, 0.7216, 0.8745
CMYK	0.00, 0.50, 0.77, 0.45
HSL	21°, 63%, 34%
HSV	21°, 77%, 55%
XYZ	13.4985, 10.2735, 2.6380
YIQ	87.4840, 54.2390, 2.7110

Conversions

Conversions Part 2

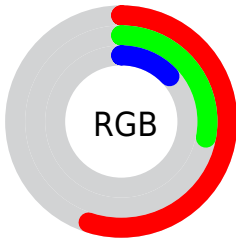
Format	Color
R_{YB}	141, 93, 32
Decimal	9258784
CIE _{Lab}	38.33, 26.69, 35.80
CIE _{LCh}	38, 44.653, 53.292
Yxy	10.2735, 0.5111, 0.3890
Android (android.graphics.Color)	4287448864 (0xFF8D4720)
YUV	87.4840, -27.3536, 46.9335
Hunter-Lab	32.0523, 19.0818, 17.5568

Details

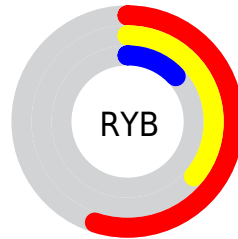
The YUV color **87.4840, -27.3536, 46.9335** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **85.5160, 27.3536, -46.9335**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5340, -29.8433, 52.1517**, and **39.5030, -19.4750, 39.9009** is the 20% darker color. If you saturate the color by 10%, you get **80.6050, -30.8643, 52.9664**, and if you desaturate by 10%, it is **94.3630, -23.8430, 40.9006**.

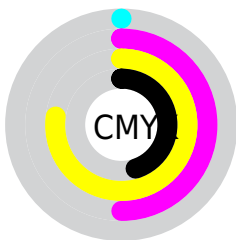
Distribution



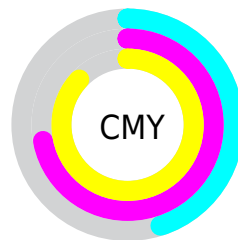
- Red (55%)
- Green (28%)
- Blue (13%)



- Red (55%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (45%)



- Cyan (45%)
- Magenta (72%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4840, -27.3536, 46.9335 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 87.4840, -27.3536, 46.9335 by changing the saturation by 10% instead.

87.4840, -27.3536,
46.9335

87.4840, -27.3536,
46.9335

255.0000, 0.0000,
0.0000

62.4020, -26.3272,
44.3744

139.5340,
-29.8433, 52.1517

39.5030, -19.4750,
39.9009

166.5020,
-31.3065, 54.8107

18.5160, -9.1284,
34.6275

193.0890,
-31.5959, 54.2959

9.9810, -4.4276,
20.1877

211.9020,
-28.0527, 37.7969

0.0000, 0.0000,
0.0000

231.4160,
-24.3621, 20.6832

249.8700,

-19.6559, 4.4990

253.0620, -7.4256,
1.6996

87.4840, -27.3536,
46.9335

87.4840, -27.3536,
46.9335

80.6050, -30.8643,
52.9664

94.3630, -23.8430,
40.9006

73.7260, -34.3749,
58.9993

101.2420,
-20.3323, 34.8678

71.5090, -35.2539,
60.9436

108.1210,
-16.8217, 28.8349

115.0000,
-13.3110, 22.8020

121.9930, -9.3635,
16.6691

■ 128.8720, -5.8529,
10.6363

■ 135.7510, -2.3422,
4.6034

■ 142.6300, 1.1684,
-1.4295

■ 149.5090, 4.6791,
-7.4624

Harmonies

Analogous

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



87.6870, -11.6777, 59.0335



87.4840, -27.3536, 46.9335



85.6650, -38.7818, 25.7268

Triad

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



87.4840, -27.3536, 46.9335



72.0430, 4.4158, -63.1817



89.6310, 33.2129, -12.8314

Complementary

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



87.4840, -27.3536, 46.9335



85.5160, 27.3536, -46.9335

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.



75.4070, 42.6903, -66.1319



87.4840, -27.3536, 46.9335



76.2610, 20.5773, -66.8809

Square

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



87.4840, -27.3536, 46.9335



74.7460, -15.1578, -38.3652



77.9200, 34.5494, -68.3358



92.8660, 20.2791, 29.0585

Rectangle

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



87.4840, -27.3536, 46.9335



83.7830, -37.8540, 8.0833



77.9200, 34.5494, -68.3358



84.3510, 37.7880, -33.6338

Sweetspot

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



87.4840, -27.3536, 46.9335



162.6620, -10.6794, 18.7134



72.6850, 14.9453, 59.9123



79.0570, -6.4371, 11.3510



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.4840, -27.3536, 46.9335



99.9360, -42.8594, 73.7241



119.1820, -42.9807, 19.1344



67.8540, -1.9000, 2.7590



68.5410, -33.7907, 58.2845



4.1530, -2.0474, 3.3738

Inverse Universe

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



85.5160, 27.3536, -46.9335



97.0640, 42.8594, -73.7241



53.8180, 42.9807, -19.1344



67.7330, 1.6106, -3.2738



66.4590, 33.7907, -58.2845



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 87.4840, -27.3536, 46.9335 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 87.4840, -27.3536, 46.9335 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 87.4840, -27.3536, 46.9335

Background



This preview shows how black text looks on a background with the YUV color 87.4840, -27.3536, 46.9335.



This preview shows how white text looks on a background with the YUV color 87.4840, -27.3536,

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

87.4840, -27.3536, 46.9335

Protanopia

87.9480, -24.6244, 11.4466

Deuteranopia

87.6460, -29.8985, 23.1125



Tritanopia

90.1800, -9.4557, 46.3231

Trichromacy



Original Color

87.4840, -27.3536, 46.9335

Protanomaly

88.0960, -25.6833, 24.4718

Deuteranomaly

87.9290, -29.0520, 31.6343

Tritanomaly

88.8720, -15.7129, 46.5933

Monochromacy



Original Color

87.4840, -27.3536, 46.9335

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1780, -9.9478, 17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4840, -27.3536, 46.9335 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(141, 71, 32)` looks like.

```
.text, #text, p{  
    color:rgb(141, 71, 32)  
}
```

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(141, 71, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 71, 32) }
```

Border

The CSS property to change the border of an element to YUV 87.4840, -27.3536, 46.9335 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(141, 71, 32) }
```


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

```
.border{ border-color:rgb(141, 71, 32) }
```

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

Here you see how a box with a 4 pixel rgb(141, 71, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 71, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 71, 32);  
box-shadow:4px 4px 4px 4px rgb(141, 71,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 87.4840, -27.3536, 46.9335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 71, 32) }
```

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

```
.background{ background-color: rgb(141, 71,  
32) }
```

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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