

Converting Colors

YUV(96.3960, -27.3102,
32.9787)

Have a look what the booklet for
YUV(96.3960, -27.3102, 32.9787)
contains.

YUV(96.3960, -27.3102, 32.9787)	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(96.3960, -27.3102,
32.9787)**

Conversions

Conversions Part 1

Format	Color
Hex	865829
RGB	134, 88, 41
RGB Percent	53%, 35%, 16%
CMY	0.4745, 0.6549, 0.8392
CMYK	0.00, 0.34, 0.69, 0.47
HSL	30°, 53%, 34%
HSV	30°, 69%, 53%
XYZ	13.7215, 12.2079, 3.7310
YIQ	96.3960, 42.5030, -4.8650

Conversions

Conversions Part 2

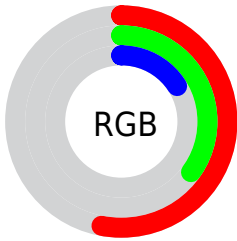
Format	Color
R_{YB}	132, 134, 41
Decimal	8804393
CIE _{Lab}	41.54, 14.26, 34.25
CIE _{LCh}	42, 37.103, 67.400
Yxy	12.2079, 0.4626, 0.4116
Android (android.graphics.Color)	4286994473 (0xFF865829)
YUV	96.3960, -27.3102, 32.9787
Hunter-Lab	34.9398, 8.9556, 18.1267

Details

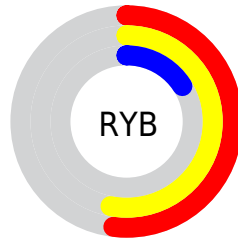
The YUV color **96.3960, -27.3102, 32.9787** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **78.6040, 27.3102, -32.9787**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8480, -29.5051, 36.9673**, and **48.8730, -24.0944, 28.1754** is the 20% darker color. If you saturate the color by 10%, you get **90.8050, -30.9629, 37.8820**, and if you desaturate by 10%, it is **101.9870, -23.6576, 28.0754**.

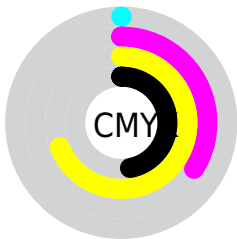
Distribution



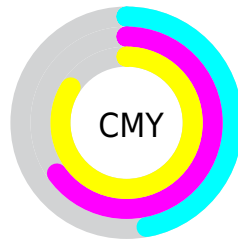
- Red (53%)
- Green (35%)
- Blue (16%)



- Red (52%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3960, -27.3102, 32.9787 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 96.3960, -27.3102, 32.9787 by changing the saturation by 10% instead.

■ 96.3960, -27.3102,
32.9787

■ 96.3960, -27.3102,
32.9787

255.0000, 0.0000,
0.0000

■ 72.2000, -26.7206,
30.5196

■ 147.8480,
-29.5051, 36.9673

■ 48.8730, -24.0944,
28.1754

■ 174.6310,
-30.3841, 38.9116

■ 29.0600, -14.3266,
21.8724

■ 202.4140,
-31.2631, 40.8559

■ 9.2690, -4.5696,
19.0581

■ 223.7220,
-28.4569, 27.4308

■ 0.0000, 0.0000,
0.0000

■ 243.8230,
-25.0557, 9.8022

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

96.3960, -27.3102,
32.9787

96.3960, -27.3102,
32.9787

90.8050, -30.9629,
37.8820

101.9870,
-23.6576, 28.0754

85.6870, -35.3417,
42.3705

107.1050,
-19.2788, 23.5869

80.0960, -38.9943,
47.2738

112.6960,
-15.6261, 18.6836

79.9820, -39.4311,
47.3738

118.4010,
-11.5367, 13.6803

123.4050, -7.5947,
9.2918

■ 128.9960, -3.9420,
4.3885

■ 134.1140, 0.4368,
-0.1000

■ 139.7050, 4.0894,
-5.0033

■ 145.4100, 8.1789,
-10.0066

Harmonies

Analogous

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



97.5300, -17.0233, 46.8932



96.3960, -27.3102, 32.9787



94.2810, -29.7185, 12.0316

Triad

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



96.3960, -27.3102, 32.9787



78.3010, 13.1626, -68.6700



100.7170, 22.8175, 8.1412

Complementary

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



96.3960, -27.3102, 32.9787



78.6040, 27.3102, -32.9787

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.



92.8690, 32.1096, -32.3341



96.3960, -27.3102, 32.9787



81.0200, 26.1191, -71.0545

Square

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



96.3960, -27.3102, 32.9787



81.8510, -4.3635, -47.2273



80.3650, 36.3021, -70.4801



100.6790, 10.5113, 35.3615

Rectangle

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



96.3960, -27.3102, 32.9787



92.3220, -25.3017, -4.6674



80.3650, 36.3021, -70.4801



99.1500, 26.0551, -3.6395

Sweetspot

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



96.3960, -27.3102, 32.9787



158.3300, -10.5157, 12.8656



74.1650, 6.8207, 52.4753



78.0350, -6.4263, 7.8623



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.3960, -27.3102, 32.9787



114.9070, -42.3522, 50.9476



123.3980, -40.6222, 9.2980



63.5550, -1.7526, 2.1443



77.6120, -38.2627, 45.9443



1.4840, -0.7316, 1.3295

Inverse Universe

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



78.6040, 27.3102, -32.9787



87.6800, 42.0628, -51.4624



51.6020, 40.6222, -9.2980



62.4450, 1.7526, -2.1443



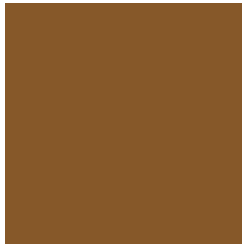
52.3880, 38.2627, -45.9443



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 96.3960, -27.3102, 32.9787 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 96.3960, -27.3102, 32.9787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

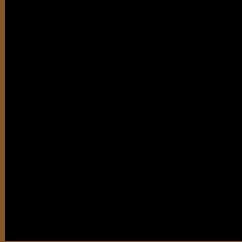
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3960, -27.3102, 32.9787

Background



This preview shows how black text looks on a background with the YUV color 96.3960, -27.3102, 32.9787.



This preview shows how white text looks on a background with the YUV color 96.3960, -27.3102,

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

96.3960, -27.3102, 32.9787

Protanopia

95.7200, -25.4980, 11.6466

Deuteranopia

96.1020, -28.1513, 22.7125



Tritanopia

99.8300, -5.3392, 32.5981

Trichromacy



Original Color

96.3960, -27.3102, 32.9787

Protanomaly

95.9490, -26.1039, 19.3387

Deuteranomaly

96.2380, -27.7253, 26.1013

Tritanomaly

98.7670, -13.1961, 32.6533

Monochromacy



Original Color

96.3960, -27.3102, 32.9787

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1450, -9.9315, 12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3960, -27.3102, 32.9787 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(134, 88, 41)` looks like.

```
.text, #text, p{  
    color:rgb(134, 88, 41)  
}
```

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(134, 88, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 88, 41) }
```

Border

The CSS property to change the border of an element to YUV 96.3960, -27.3102, 32.9787 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(134, 88, 41) }
```


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

```
.border{ border-color:rgb(134, 88, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 88, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 88, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 88, 41);  
box-shadow:4px 4px 4px 4px rgb(134, 88,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 96.3960, -27.3102, 32.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 88, 41) }
```

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

```
.background{ background-color: rgb(134, 88,  
41) }
```

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