

Converting Colors

YUV(97.8260, -32.9452,
20.3236)

Have a look what the booklet for
YUV(97.8260, -32.9452, 20.3236)
contains.

YUV(97.8260, -32.9452, 20.3236)	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(97.8260, -32.9452,
20.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	79631F
RGB	121, 99, 31
RGB Percent	47%, 39%, 12%
CMY	0.5255, 0.6118, 0.8784
CMYK	0.00, 0.18, 0.74, 0.53
HSL	45°, 59%, 30%
HSV	45°, 74%, 47%
XYZ	12.5943, 13.0876, 3.1587
YIQ	97.8260, 34.9400, -16.4840

Conversions

Conversions Part 2

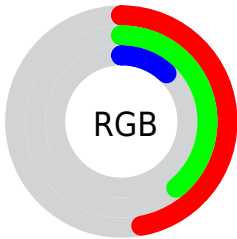
Format	Color
RYB	60, 121, 31
Decimal	7955231
CIELab	42.89, 1.05, 40.09
CIELCh	43, 40.103, 88.500
Yxy	13.0876, 0.4367, 0.4538
Android (android.graphics.Color)	4286145311 (0xFF79631F)
YUV	97.8260, -32.9452, 20.3236
Hunter-Lab	36.1767, -1.1675, 20.1469

Details

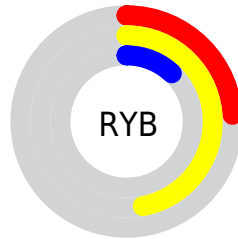
The YUV color **97.8260, -32.9452, 20.3236** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **54.1740, 32.9452, -20.3236**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2070, -34.1191, 23.4975**, and **51.7420, -25.5088, 15.1353** is the 20% darker color. If you saturate the color by 10%, you get **94.6970, -37.3186, 23.0677**, and if you desaturate by 10%, it is **100.9550, -28.5718, 17.5795**.

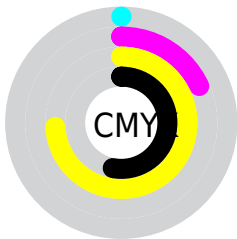
Distribution



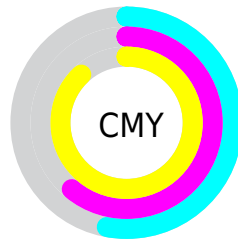
- Red (47%)
- Green (39%)
- Blue (12%)



- Red (24%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8260, -32.9452, 20.3236 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 97.8260, -32.9452, 20.3236 by changing the saturation by 10% instead.

97.8260, -32.9452,
20.3236

97.8260, -32.9452,
20.3236

255.0000, 0.0000,
0.0000

72.5870, -33.8134,
18.7792

149.2070,
-34.1191, 23.4975

51.7420, -25.5088,
15.1353

176.5770,
-35.2875, 24.9270

31.9400, -15.7464,
10.5766

204.0610,
-36.0191, 26.2565

10.3660, -5.1104,
5.8180

229.7400,
-35.8608, 22.1530

0.0000, 0.0000,
0.0000

247.0200,
-30.5759, 6.9985

250.2120,

-18.3455, 4.1991

253.4040, -6.1152,
1.3997

97.8260, -32.9452,
20.3236

97.8260, -32.9452,
20.3236

94.6970, -37.3186,
23.0677

100.9550,
-28.5718, 17.5795

91.5680, -41.6920,
25.8119

104.0840,
-24.1984, 14.8353

89.5960, -44.1708,
27.5413

107.2130,
-19.8250, 12.0912

110.3420,
-15.4516, 9.3471

113.4710,
-11.0782, 6.6029

■ 116.7140, -6.2680,
3.7588

■ 119.8430, -1.8946,
1.0147

■ 122.9720, 2.4788,
-1.7294

■ 126.1010, 6.8522,
-4.4736

Harmonies

Analogous

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



99.8530, -27.0425, 40.4709



97.8260, -32.9452, 20.3236



94.7410, -27.4803, -5.9119

Triad

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



97.8260, -32.9452, 20.3236



83.7270, 23.7986, -73.4286



104.3240, 15.6163, 31.2879

Complementary

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



97.8260, -32.9452, 20.3236



54.1740, 32.9452, -20.3236

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.



102.7310, 28.2336, -2.3951



97.8260, -32.9452, 20.3236



84.2290, 35.8761, -73.8688

Square

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



97.8260, -32.9452, 20.3236



79.8510, 8.9475, -70.0293



84.5600, 40.6429, -62.7581



101.9600, 1.0057, 50.9011

Rectangle

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



97.8260, -32.9452, 20.3236



90.8400, -17.6691, -26.1697



84.5600, 40.6429, -62.7581



104.5230, 20.4482, 21.4663

Sweetspot

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



97.8260, -32.9452, 20.3236



149.3140, -12.9728, 7.6176



60.4180, -3.6571, 53.1304



73.6710, -7.7258, 4.6735



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



97.8260, -32.9452, 20.3236



121.9680, -51.7492, 31.6001



103.8630, -35.9215, -5.1419



59.7290, -2.3314, 1.1147



92.5530, -45.6286, 28.4560



187.4650, -92.4202, 56.5972

Inverse Universe

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



54.1740, 32.9452, -20.3236



53.6190, 51.4598, -32.1149



47.8380, 36.0689, 4.5271



56.8580, 2.0420, -1.6295



32.4470, 45.6286, -28.4560



65.1220, 92.1309, -57.1120

Previews

White Background



This preview shows how the YUV color 97.8260, -32.9452, 20.3236 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 97.8260, -32.9452, 20.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

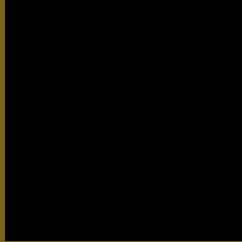
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8260, -32.9452, 20.3236

Background



This preview shows how black text looks on a background with the YUV color 97.8260, -32.9452, 20.3236.



This preview shows how white text looks on a background with the YUV color 97.8260, -32.9452,

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

97.8260, -32.9452, 20.3236

Protanopia

97.6080, -32.3447, 14.3758

Deuteranopia

97.9730, -32.5247, 25.4567



Tritanopia

103.0780, -1.5175, 20.1026

Trichromacy



Original Color

97.8260, -32.9452, 20.3236

Protanomaly

97.9180, -32.4976, 16.7349

Deuteranomaly

97.9620, -32.5193, 23.7123

Tritanomaly

101.3910, -13.0108, 19.8281

Monochromacy



Original Color

97.8260, -32.9452, 20.3236

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6560, -11.6624, 7.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8260, -32.9452, 20.3236 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(121, 99, 31)` looks like.

```
.text, #text, p{  
    color:rgb(121, 99, 31)  
}
```

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(121, 99, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 99, 31) }
```

Border

The CSS property to change the border of an element to YUV 97.8260, -32.9452, 20.3236 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(121, 99, 31) }
```


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

```
.border{ border-color:rgb(121, 99, 31) }
```

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

Here you see how a box with a 4 pixel rgb(121, 99, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 99, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 99, 31);  
box-shadow:4px 4px 4px 4px rgb(121, 99,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 97.8260, -32.9452, 20.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 99, 31) }
```

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

```
.background{ background-color: rgb(121, 99,  
31) }
```

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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