

Converting Colors

YUV(103.3530, -32.2190,
20.7384)

Have a look what the booklet for
YUV(103.3530, -32.2190, 20.7384)
contains.

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Color

**YUV(103.3530, -32.2190,
20.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6826
RGB	127, 104, 38
RGB Percent	50%, 41%, 15%
CMY	0.5020, 0.5922, 0.8510
CMYK	0.00, 0.18, 0.70, 0.50
HSL	44°, 54%, 32%
HSV	44°, 70%, 50%
XYZ	14.0526, 14.5526, 3.9020
YIQ	103.3530, 34.8940, -15.6500

Conversions

Conversions Part 2

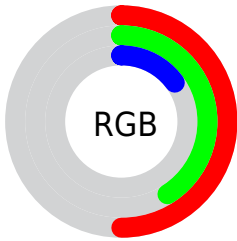
Format	Color
R_{YB}	69, 127, 38
Decimal	8349734
CIE Lab	45.02, 1.39, 39.26
CIE LCh	45, 39.285, 87.970
Yxy	14.5526, 0.4323, 0.4477
Android (android.graphics.Color)	4286539814 (0xFF7F6826)
YUV	103.3530, -32.2190, 20.7384
Hunter-Lab	38.1479, -1.0046, 20.6390

Details

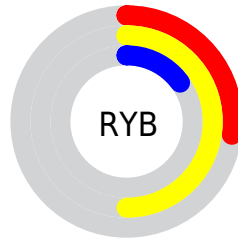
The YUV color **103.3530, -32.2190, 20.7384** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.6470, 32.2190, -20.7384**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3210, -33.6823, 23.3975**, and **55.8840, -27.5508, 16.7647** is the 20% darker color. If you saturate the color by 10%, you get **100.1100, -37.0292, 23.5825**, and if you desaturate by 10%, it is **106.5960, -27.4088, 17.8943**.

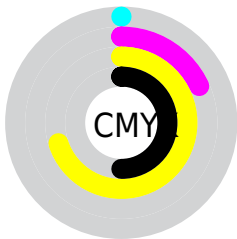
Distribution



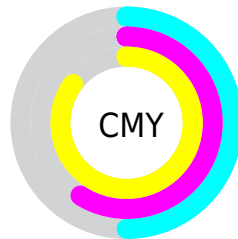
- Red (50%)
- Green (41%)
- Blue (15%)



- Red (27%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3530, -32.2190, 20.7384 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 103.3530, -32.2190, 20.7384 by changing the saturation by 10% instead.

■ 103.3530,
-32.2190, 20.7384

■ 103.3530,
-32.2190, 20.7384

■ 255.0000, 0.0000,
0.0000

■ 78.3420, -32.2136,
18.9941

■ 155.3210,
-33.6823, 23.3975

■ 55.8840, -27.5508,
16.7647

■ 182.6910,
-34.8507, 24.8270

■ 36.0820, -17.7884,
12.2061

■ 210.1750,
-35.5823, 26.1565

■ 16.2800, -8.0260,
7.6474

■ 234.1740,
-34.1028, 18.2644

■ 0.0000, 0.0000,
0.0000

■ 247.8180,
-27.5183, 6.2986

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

103.3530,
-32.2190, 20.7384

103.3530,
-32.2190, 20.7384

100.1100,
-37.0292, 23.5825

106.5960,
-27.4088, 17.8943

96.3940, -41.1132,
26.8415

110.3120,
-23.3248, 14.6354

93.1510, -45.9234,
29.6856

113.5550,
-18.5146, 11.7913

116.7980,
-13.7044, 8.9472

120.0410, -8.8942,
6.1030

■ 123.7570, -4.8102,
2.8441

■ 127.0000, 0.0000,
0.0000

■ 130.2430, 4.8102,
-2.8441

■ 133.9590, 8.8942,
-6.1030

Harmonies

Analogous

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



105.2660, -26.7531, 40.9857



103.3530, -32.2190, 20.7384



100.2680, -26.7541, -5.4970

Triad

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



103.3530, -32.2190, 20.7384



87.1180, 24.0988, -76.4025



110.0250, 15.7637, 30.6731

Complementary

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



103.3530, -32.2190, 20.7384



61.6470, 32.2190, -20.7384

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.



107.9050, 27.6548, -3.4247



103.3530, -32.2190, 20.7384



88.2070, 35.8869, -77.3575

Square

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



103.3530, -32.2190, 20.7384



83.9430, 9.3951, -73.6180



93.7350, 38.5846, -55.8956



107.6610, 1.1531, 50.2863

Rectangle

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



103.3530, -32.2190, 20.7384



96.5520, -17.5271, -25.0401



93.7350, 38.5846, -55.8956



110.1100, 20.1588, 20.9515

Sweetspot

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



103.3530, -32.2190, 20.7384



156.7270, -12.6834, 8.1324



67.3470, -2.6361, 52.3157



78.6710, -7.7258, 4.6735



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.



103.3530, -32.2190, 20.7384



129.0220, -50.2968, 32.4297



110.5750, -35.7795, -4.0123



62.0280, -2.4788, 1.7294



94.0370, -46.3602, 29.7856



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.6470, 32.2190, -20.7384



63.9780, 50.2968, -32.4297



54.4250, 35.7795, 4.0123



58.9720, 2.4788, -1.7294



33.9630, 46.3602, -29.7856



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.3530, -32.2190, 20.7384 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 103.3530, -32.2190, 20.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

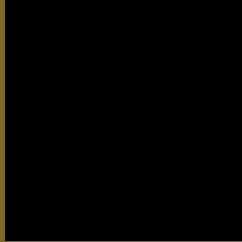
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3530, -32.2190, 20.7384

Background



This preview shows how black text looks on a background with the YUV color 103.3530, -32.2190, 20.7384.



This preview shows how white text looks on a background with the YUV color 103.3530, -32.2190,

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

103.3530, -32.2190, 20.7384

Protanopia

102.8360, -31.4711, 14.1758

Deuteranopia

103.5000, -31.7985, 25.8715



Tritanopia

108.3770, -1.6649, 20.7174

Trichromacy



Original Color

103.3530, -32.2190, 20.7384

Protanomaly

103.1460, -31.6240, 16.5350

Deuteranomaly

103.4890, -31.7931, 24.1271

Tritanomaly

106.8040, -12.7214, 20.3429

Monochromacy



Original Color

103.3530, -32.2190, 20.7384

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9550, -11.8098, 7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3530, -32.2190, 20.7384 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(127, 104, 38)` looks like.

```
.text, #text, p{  
    color:rgb(127, 104, 38)  
}
```

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(127, 104, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 104, 38) }
```

Border

The CSS property to change the border of an element to YUV 103.3530, -32.2190, 20.7384 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(127, 104, 38) }
```


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

```
.border{ border-color:rgb(127, 104, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 104, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 104, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 104, 38);  
box-shadow:4px 4px 4px 4px rgb(127, 104,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 103.3530, -32.2190, 20.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 104, 38) }
```

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

```
.background{ background-color: rgb(127,  
104, 38) }
```

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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