

Converting Colors

YUV(103.6300, -32.3556,
17.8645)

Have a look what the booklet for
YUV(103.6300, -32.3556, 17.8645)
contains.

YUV(103.6300, -32.3556, 17.8645)	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(103.6300, -32.3556,
17.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6A26
RGB	124, 106, 38
RGB Percent	49%, 42%, 15%
CMY	0.5137, 0.5843, 0.8510
CMYK	0.00, 0.15, 0.69, 0.51
HSL	47°, 53%, 32%
HSV	47°, 69%, 49%
XYZ	13.8161, 14.7331, 3.9493
YIQ	103.6300, 32.5560, -17.3320

Conversions

Conversions Part 2

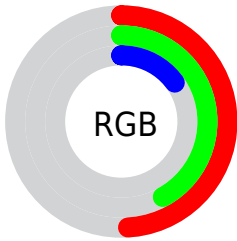
Format	Color
R_{YB}	61, 124, 38
Decimal	8153638
CIE _{Lab}	45.27, -1.18, 39.43
CIE _{LCh}	45, 39.446, 91.718
Yxy	14.7331, 0.4251, 0.4533
Android (android.graphics.Color)	4286343718 (0xFF7C6A26)
YUV	103.6300, -32.3556, 17.8645
Hunter-Lab	38.3837, -2.9211, 20.7682

Details

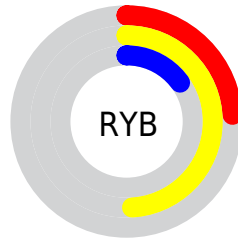
The YUV color **103.6300, -32.3556, 17.8645** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.3700, 32.3556, -17.8645**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5980, -33.8188, 20.5236**, and **56.1610, -27.6874, 13.8908** is the 20% darker color. If you saturate the color by 10%, you get **100.5010, -36.7290, 20.6086**, and if you desaturate by 10%, it is **106.7590, -27.9822, 15.1204**.

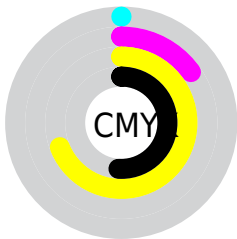
Distribution



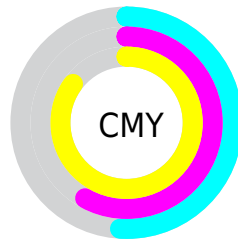
- Red (49%)
- Green (42%)
- Blue (15%)



- Red (24%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (69%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6300, -32.3556, 17.8645 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 103.6300, -32.3556, 17.8645 by changing the saturation by 10% instead.

103.6300,
-32.3556, 17.8645

103.6300,
-32.3556, 17.8645

255.0000, 0.0000,
0.0000

78.8040, -32.9344,
16.8349

155.5980,
-33.8188, 20.5236

56.1610, -27.6874,
13.8908

182.6690,
-34.8398, 21.3383

36.3590, -17.9250,
9.3322

210.1530,
-35.5714, 22.6678

17.1440, -8.4520,
4.2587

235.9350,
-34.9710, 16.7200

0.0000, 0.0000,
0.0000

247.8180,
-27.5183, 6.2986

251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

103.6300,
-32.3556, 17.8645

103.6300,
-32.3556, 17.8645

100.5010,
-36.7290, 20.6086

106.7590,
-27.9822, 15.1204

97.8450, -41.8286,
22.9379

109.4150,
-22.8826, 12.7910

94.7160, -46.2020,
25.6821

112.5440,
-18.5092, 10.0469

94.6020, -46.6388,
25.7820

115.2000,
-13.4096, 7.7176

118.3290, -9.0362,
4.9735

■ 121.4580, -4.6628,
2.2293

■ 124.1140, 0.4368,
-0.1000

■ 127.2430, 4.8102,
-2.8441

■ 129.8990, 9.9098,
-5.1734

Harmonies

Analogous

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



105.6140, -27.9107, 38.9265



103.6300, -32.3556, 17.8645



99.8870, -25.5803, -8.6709

Triad

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



103.6300, -32.3556, 17.8645



88.2750, 25.9934, -77.4172



110.2920, 14.1530, 33.9469

Complementary

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



103.6300, -32.3556, 17.8645



58.3700, 32.3556, -17.8645

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.



109.2970, 26.4756, 1.4935



103.6300, -32.3556, 17.8645



88.6630, 37.6341, -77.7575

Square

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



103.6300, -32.3556, 17.8645



84.5130, 11.5791, -74.1179



97.7470, 37.0997, -46.2591



107.9170, -0.4521, 51.8158

Rectangle

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



103.6300, -32.3556, 17.8645



96.1000, -15.3323, -29.0287



97.7470, 37.0997, -46.2591



110.6760, 18.4007, 24.8401

Sweetspot

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



103.6300, -32.3556, 17.8645



153.0150, -12.8254, 7.0028



65.8800, -4.3778, 50.9712



76.6710, -7.7258, 4.6735



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.6300, -32.3556, 17.8645



129.2880, -50.4280, 27.8114



107.0200, -34.0269, -6.1565



59.7290, -2.3314, 1.1147



95.4880, -47.0756, 25.8820



192.7480, -95.0248, 51.9640

Inverse Universe

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



58.3700, 32.3556, -17.8645



58.7120, 50.4280, -27.8114



54.9800, 34.0269, 6.1565



56.2710, 2.3314, -1.1147



29.5120, 47.0756, -25.8820



59.8390, 94.7354, -52.4788

Previews

White Background



This preview shows how the YUV color 103.6300, -32.3556, 17.8645 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 103.6300, -32.3556, 17.8645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

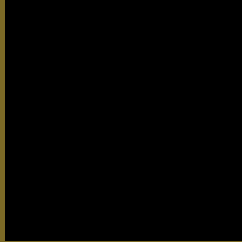
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6300, -32.3556, 17.8645

Background



This preview shows how black text looks on a background with the YUV color 103.6300, -32.3556, 17.8645.



This preview shows how white text looks on a background with the YUV color 103.6300, -32.3556,

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

103.6300, -32.3556, 17.8645

Protanopia

103.0210, -32.0554, 14.8906

Deuteranopia

104.3860, -32.2353, 25.9715



Tritanopia

108.8820, -0.9278, 17.6435

Trichromacy



Original Color

103.6300, -32.3556, 17.8645

Protanomaly

103.3200, -32.2028, 15.5054

Deuteranomaly

103.7770, -31.9351, 22.9976

Tritanomaly

107.1950, -12.4211, 17.3690

Monochromacy



Original Color

103.6300, -32.3556, 17.8645

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6300, -32.3556, 17.8645 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(124, 106, 38)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 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(124, 106, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 38) }
```

Border

The CSS property to change the border of an element to YUV 103.6300, -32.3556, 17.8645 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(124, 106, 38) }
```


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

```
.border{ border-color:rgb(124, 106, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 38);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 103.6300, -32.3556, 17.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 38) }
```

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

```
.background{ background-color: rgb(124,  
106, 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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