

Converting Colors

YUV(120.2410, -32.1638,
49.7776)

Have a look what the booklet for
YUV(120.2410, -32.1638, 49.7776)
contains.

YUV(120.2410, -32.1638, 49.7776)	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(120.2410, -32.1638,
49.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	B16837
RGB	177, 104, 55
RGB Percent	69%, 41%, 22%
CMY	0.3059, 0.5922, 0.7843
CMYK	0.00, 0.41, 0.69, 0.31
HSL	24°, 53%, 45%
HSV	24°, 69%, 69%
XYZ	23.7714, 19.5236, 6.1300
YIQ	120.2410, 59.2370, 0.2370

Conversions

Conversions Part 2

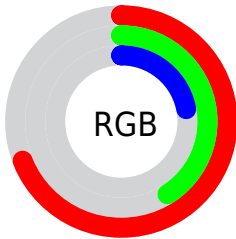
Format	Color
R_{YB}	177, 137, 55
Decimal	11626551
CIE Lab	51.29, 24.96, 39.37
CIE LCh	51, 46.617, 57.625
Yxy	19.5236, 0.4810, 0.3950
Android (android.graphics.Color)	4289816631 (0xFFB16837)
YUV	120.2410, -32.1638, 49.7776
Hunter-Lab	44.1855, 18.7067, 22.7044

Details

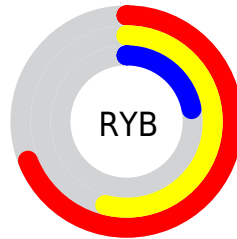
The YUV color **120.2410, -32.1638, 49.7776** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **111.7590, 32.1638, -49.7776**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2910, -34.6535, 54.9958**, and **69.2510, -30.6897, 43.6299** is the 20% darker color. If you saturate the color by 10%, you get **111.7320, -36.8429, 57.2400**, and if you desaturate by 10%, it is **128.7500, -27.4847, 42.3152**.

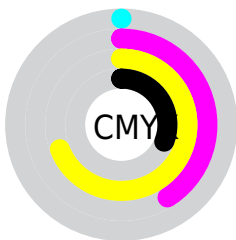
Distribution



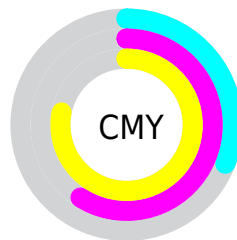
- Red (69%)
- Green (41%)
- Blue (22%)



- Red (69%)
- Yellow (54%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2410, -32.1638, 49.7776 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 120.2410, -32.1638, 49.7776 by changing the saturation by 10% instead.

■ 120.2410,
-32.1638, 49.7776

■ 120.2410,
-32.1638, 49.7776

■ 255.0000, 0.0000,
0.0000

■ 94.2730, -30.7006,
47.1186

■ 174.2910,
-34.6535, 54.9958

■ 69.2510, -30.6897,
43.6299

■ 198.3720,
-34.2004, 49.6628

■ 46.8790, -23.1113,
39.5711

■ 217.8860,
-30.5098, 32.5490

■ 25.0060, -12.3280,
34.1977

■ 237.4000,
-26.8192, 15.4352

■ 12.2590, -6.0437,
25.2059

■ 249.9840,
-19.2191, 4.3990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 120.2410,
-32.1638, 49.7776

■ 120.2410,
-32.1638, 49.7776

■ 111.7320,
-36.8429, 57.2400

■ 128.7500,
-27.4847, 42.3152

■ 103.9240,
-41.3745, 64.0877

■ 136.5580,
-22.9531, 35.4676

■ 95.4150, -46.0536,
71.5500

■ 145.0670,
-18.2740, 28.0052

■ 94.6000, -46.6378,
72.2648

■ 152.9890,
-13.3056, 21.0576

■ 161.3840, -9.0633,
13.6952

■ 169.8930, -4.3842,
6.2328

■ 177.8150, 0.5842,
-0.7148

■ 186.3240, 5.2633,
-8.1771

■ 194.1320, 9.7949,
-15.0248

Harmonies

Analogous

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



120.8680, -16.2039, 64.1368



120.2410, -32.1638, 49.7776



118.0240, -39.9448, 25.4120

Triad

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



120.2410, -32.1638, 49.7776



96.2190, 10.7380, -84.3841



123.6150, 34.2068, -4.9244

Complementary

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



120.2410, -32.1638, 49.7776



111.7590, 32.1638, -49.7776

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.



98.1640, 51.1911, -86.0898



120.2410, -32.1638, 49.7776



100.7790, 28.2100, -88.3832

Square

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



120.2410, -32.1638, 49.7776



106.0440, -13.8257, -45.6426



101.9650, 42.9083, -89.4233



125.9810, 19.2364, 36.8507

Rectangle

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



120.2410, -32.1638, 49.7776



115.4020, -36.6802, 4.9094



101.9650, 42.9083, -89.4233



119.9440, 38.4816, -22.7529

Sweetspot

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



120.2410, -32.1638, 49.7776



207.3910, -13.0108, 19.8281



99.8000, 13.9026, 67.7044



101.7150, -7.7475, 11.6509



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.2410, -32.1638, 49.7776



141.3080, -50.4378, 77.7829



156.0480, -49.8167, 18.3749



85.0390, -2.4842, 3.4738



81.5540, -40.2061, 62.6581



13.6440, -6.7265, 10.8362

Inverse Universe

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



111.7590, 32.1638, -49.7776



127.6920, 50.4378, -77.7829



75.9520, 49.8167, -18.3749



84.5480, 2.1948, -3.9886



71.4460, 40.2061, -62.6581



11.7690, 7.0159, -10.3214

Previews

White Background



This preview shows how the YUV color 120.2410, -32.1638, 49.7776 looks on a white 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

Black Background



This preview shows how the YUV color 120.2410, -32.1638, 49.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

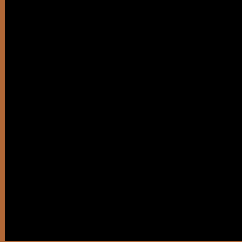
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2410, -32.1638, 49.7776

Background



This preview shows how black text looks on a background with the YUV color 120.2410, -32.1638, 49.7776.



This preview shows how white text looks on a background with the YUV color 120.2410, -32.1638,

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

120.2410, -32.1638, 49.7776

Protanopia

119.8190, -28.9978, 14.1907

Deuteranopia

120.0550, -33.5511, 28.0158



Tritanopia

123.3160, -9.0298, 49.7119

Trichromacy



Original Color

120.2410, -32.1638, 49.7776

Protanomaly

119.9670, -30.0567, 27.2159

Deuteranomaly

119.9250, -32.9940, 36.0228

Tritanomaly

122.1390, -17.3235, 49.8671

Monochromacy



Original Color

120.2410, -32.1638, 49.7776

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0210, -11.8424, 18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2410, -32.1638, 49.7776 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(177, 104, 55)` looks like.

```
.text, #text, p{  
    color:rgb(177, 104, 55)  
}
```

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(177, 104, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 104, 55) }
```

Border

The CSS property to change the border of an element to YUV 120.2410, -32.1638, 49.7776 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(177, 104, 55) }
```


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

```
.border{ border-color:rgb(177, 104, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 104, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 104, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 104, 55);  
box-shadow:4px 4px 4px 4px rgb(177, 104,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 120.2410, -32.1638, 49.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 104, 55) }
```

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

```
.background{ background-color: rgb(177,  
104, 55) }
```

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