

Converting Colors

YUV(103.6090, -10.6532,
-36.4911)

Have a look what the booklet for
YUV(103.6090, -10.6532, -36.4911)
contains.

YUV(103.6090, -10.6532, -36.4911)	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(103.6090, -10.6532,
-36.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8152
RGB	62, 129, 82
RGB Percent	24%, 51%, 32%
CMY	0.7569, 0.4941, 0.6784
CMYK	0.52, 0.00, 0.36, 0.49
HSL	138°, 35%, 37%
HSV	138°, 52%, 51%
XYZ	11.3599, 17.3338, 10.7297
YIQ	103.6090, -24.8450, -28.8210

Conversions

Conversions Part 2

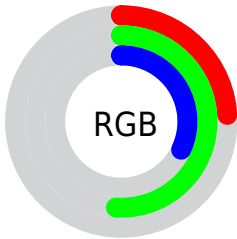
Format	Color
RYB	62, 114, 129
Decimal	4096338
CIELab	48.68, -32.49, 19.13
CIElCh	49, 37.709, 149.507
Yxy	17.3338, 0.2882, 0.4397
Android (android.graphics.Color)	4282286418 (0xFF3E8152)
YUV	103.6090, -10.6532, -36.4911
Hunter-Lab	41.6339, -24.1555, 13.8638

Details

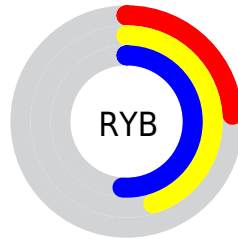
The YUV color **103.6090, -10.6532, -36.4911** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87.3910, 10.6532, 36.4911**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9680, -11.8162, -36.8059**, and **50.4770, -7.1372, -44.2683** is the 20% darker color. If you saturate the color by 10%, you get **98.6960, -12.6681, -43.5834**, and if you desaturate by 10%, it is **108.5220, -8.6383, -29.3988**.

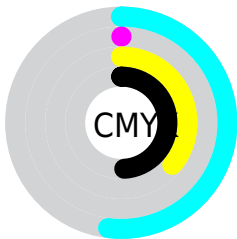
Distribution



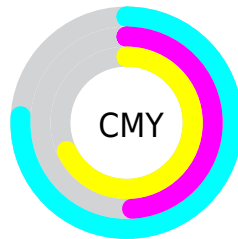
- Red (24%)
- Green (51%)
- Blue (32%)



- Red (24%)
- Yellow (45%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (36%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6090, -10.6532, -36.4911 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 103.6090, -10.6532, -36.4911 by changing the saturation by 10% instead.

■ 103.6090,
-10.6532, -36.4911

■ 103.6090,
-10.6532, -36.4911

■ 255.0000, 0.0000,
0.0000

■ 78.2390, -9.4848,
-37.9206

■ 155.9680,
-11.8162, -36.8059

■ 50.4770, -7.1372,
-44.2683

■ 183.4410,
-12.5424, -37.2208

■ 33.9950, -9.3645,
-29.8136

■ 211.6150,
-13.1212, -38.2504

■ 20.5450, -10.1287,
-18.0180

■ 232.5710, -9.6485,
-32.0728

■ 0.0000, 0.0000,
0.0000

■ 244.4340, -1.6930,
-17.0436

254.7010, 0.1474,

-0.6148

■ 103.6090,
-10.6532, -36.4911

■ 103.6090,
-10.6532, -36.4911

■ 98.6960, -12.6681,
-43.5834

■ 108.5220, -8.6383,
-29.3988

■ 93.7830, -14.6830,
-50.6757

■ 113.4350, -6.6235,
-22.3065

■ 88.8700, -16.6979,
-57.7680

■ 118.3480, -4.6086,
-15.2142

■ 83.9570, -18.7128,
-64.8603

■ 123.2610, -2.5937,
-8.1219

■ 80.1690, -20.2963,
-70.3082

■ 128.1740, -0.5788,
-1.0296

■ 132.7880, 1.5835,
5.4479

■ 137.7010, 3.5984,
12.5402

■ 142.6140, 5.6133,
19.6325

■ 147.5270, 7.6282,
26.7248

Harmonies

Analogous

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



109.6100, -25.4437, -5.7970



103.6090, -10.6532, -36.4911



90.4800, 11.5954, -79.3510

Triad

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



103.6090, -10.6532, -36.4911



107.0030, 35.4945, -44.7296



115.8340, -14.7082, 51.0116

Complementary

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



103.6090, -10.6532, -36.4911



87.3910, 10.6532, 36.4911

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.



117.3080, -0.1518, 48.8419



103.6090, -10.6532, -36.4911



117.2860, 26.4810, -0.2508

Square

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



103.6090, -10.6532, -36.4911



93.9290, 37.5030, -82.3757



118.6830, 14.4533, 30.9730



114.6680, -26.4583, 39.7562

Rectangle

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



103.6090, -10.6532, -36.4911



92.9880, 21.2049, -81.5505



118.6830, 14.4533, 30.9730



116.3980, -10.0562, 52.2710

Sweetspot

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



103.6090, -10.6532, -36.4911



157.7610, -4.3192, -14.6994



115.6810, -26.4647, -4.9822



77.9620, -2.4463, -8.7367



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.



103.6090, -10.6532, -36.4911



128.5820, -16.5559, -56.6384



107.2570, 3.3243, -39.6904



61.3370, -1.1521, -3.8035



79.4680, -20.4437, -69.6934



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.3910, 10.6532, 36.4911



103.4180, 16.5559, 56.6384



83.7430, -3.3243, 39.6904



59.6630, 1.1521, 3.8035



48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.6090, -10.6532, -36.4911 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 103.6090, -10.6532, -36.4911 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 103.6090, -10.6532, -36.4911 Background



This preview shows how black text looks on a background with the YUV color 103.6090, -10.6532, -36.4911.



This preview shows how white text looks on a background with the YUV color 103.6090, -10.6532, -36.4911.

-36.4911.

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

103.6090, -10.6532, -36.4911

Protanopia

113.5440, -18.5092, 10.0469

Deuteranopia

115.0380, -14.3157, 18.3837



Tritanopia

109.7880, 11.4435, -30.5091

Trichromacy



Original Color

103.6090, -10.6532, -36.4911

Protanomaly

109.8300, -15.6922, -6.8669

Deuteranomaly

110.9600, -12.7983, -1.7189

Tritanomaly

107.3010, 3.3026, -32.7130

Monochromacy



Original Color

103.6090, -10.6532, -36.4911

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8860, -3.8878, -13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6090, -10.6532, -36.4911 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(62, 129, 82)` looks like.

```
.text, #text, p{  
    color:rgb(62, 129, 82)  
}
```

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(62, 129, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 129, 82) }
```

Border

The CSS property to change the border of an element to YUV 103.6090, -10.6532, -36.4911 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(62, 129, 82) }
```


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

```
.border{ border-color:rgb(62, 129, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 129, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 129, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 129, 82);  
box-shadow:4px 4px 4px 4px rgb(62, 129,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 103.6090, -10.6532, -36.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 129, 82) }
```

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

```
.background{ background-color: rgb(62, 129,  
82) }
```

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