

Converting Colors

YUV(103.4860, -0.7326,
-45.1532)

Have a look what the booklet for
YUV(103.4860, -0.7326, -45.1532)
contains.

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Color

**YUV(103.4860, -0.7326,
-45.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	348266
RGB	52, 130, 102
RGB Percent	20%, 51%, 40%
CMY	0.7961, 0.4902, 0.6000
CMYK	0.60, 0.00, 0.22, 0.49
HSL	158°, 43%, 36%
HSV	158°, 60%, 51%
XYZ	11.7971, 17.6546, 15.3563
YIQ	103.4860, -37.5000, -25.2440

Conversions

Conversions Part 2

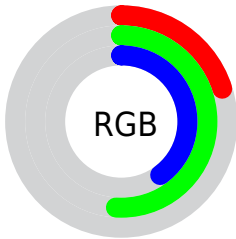
Format	Color
RYB	52, 100, 130
Decimal	3441254
CIELab	49.07, -31.08, 8.09
CIElCh	49, 32.119, 165.407
Yxy	17.6546, 0.2633, 0.3940
Android (android.graphics.Color)	4281631334 (0xFF348266)
YUV	103.4860, -0.7326, -45.1532
Hunter-Lab	42.0174, -23.4137, 7.7432

Details

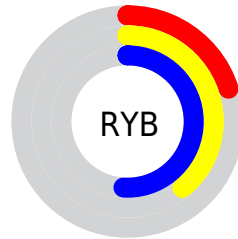
The YUV color **103.4860, -0.7326, -45.1532** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **78.5140, 0.7326, 45.1532**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1440, -2.0430, -44.8533**, and **53.2300, 0.8726, -46.6827** is the 20% darker color. If you saturate the color by 10%, you get **99.0290, -1.0003, -52.6454**, and if you desaturate by 10%, it is **107.9430, -0.4649, -37.6610**.

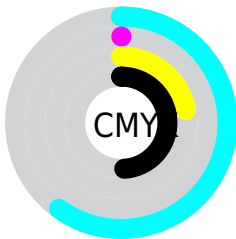
Distribution



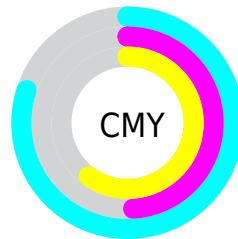
- Red (20%)
- Green (51%)
- Blue (40%)



- Red (20%)
- Yellow (39%)
- Blue (51%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4860, -0.7326, -45.1532 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 103.4860, -0.7326, -45.1532 by changing the saturation by 10% instead.

■ 103.4860, -0.7326,
-45.1532

■ 103.4860, -0.7326,
-45.1532

■ 255.0000, 0.0000,
0.0000

■ 76.2190, 0.8780,
-48.4271

■ 157.1440, -2.0430,
-44.8533

■ 53.2300, 0.8726,
-46.6827

■ 184.1440, -2.0430,
-44.8533

■ 36.7480, -1.3548,
-32.2280

■ 212.6170, -2.7692,
-45.2681

■ 22.5000, -5.1765,
-19.7325

■ 233.1000, 1.4297,
-38.6757

■ 0.0000, 0.0000,
0.0000

■ 243.6380, 5.6015,
-23.3615

■ 252.6080, 1.1793,

-4.9182

■ 103.4860, -0.7326,
-45.1532

■ 103.4860, -0.7326,
-45.1532

■ 99.0290, -1.0003,
-52.6454

■ 107.9430, -0.4649,
-37.6610

■ 94.6860, -0.8312,
-60.2376

■ 112.2860, -0.6340,
-30.0688

■ 90.2290, -1.0989,
-67.7298

■ 116.7430, -0.3663,
-22.5766

■ 85.7720, -1.3666,
-75.2220

■ 121.2000, -0.0986,
-15.0844

■ 125.5430, -0.2677,
-7.4922

■ 130.0000, 0.0000,
0.0000

■ 134.4570, 0.2677,
7.4922

■ 138.8000, 0.0986,
15.0844

■ 143.2570, 0.3663,
22.5766

Harmonies

Analogous

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



109.3510, -15.9490, -17.8478



103.4860, -0.7326, -45.1532



91.7170, 18.8735, -80.4358

Triad

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



103.4860, -0.7326, -45.1532



116.3720, 25.9456, -15.2352



117.0300, -18.7488, 40.3157

Complementary

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



103.4860, -0.7326, -45.1532



78.5140, 0.7326, 45.1532

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.



118.1520, -6.9769, 44.5937



103.4860, -0.7326, -45.1532



119.6810, 17.4123, 15.1888

Square

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



103.4860, -0.7326, -45.1532



105.2210, 31.4430, -51.9368



119.4250, 5.7065, 36.4613



115.2210, -25.2520, 26.1162

Rectangle

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



103.4860, -0.7326, -45.1532



93.0680, 26.5885, -81.6206



119.4250, 5.7065, 36.4613



116.9640, -15.2653, 43.0046

Sweetspot

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



103.4860, -0.7326, -45.1532



157.7760, -0.3826, -17.3436



106.4570, -26.8473, -22.3258



77.9340, 0.0325, -10.4661



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.



103.4860, -0.7326, -45.1532



126.9190, -0.9461, -70.0890



100.8080, 14.3917, -42.8046



61.5650, -0.2785, -4.0035



84.4840, -1.2246, -74.0925



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.5140, 0.7326, 45.1532



88.1950, 1.3829, 69.9890



81.1920, -14.3917, 42.8046



59.4350, 0.2785, 4.0035



43.5160, 1.2246, 74.0925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.4860, -0.7326, -45.1532 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 103.4860, -0.7326, -45.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

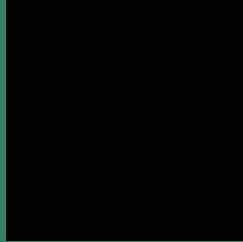
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.4860, -0.7326, -45.1532

Background



This preview shows how black text looks on a background with the YUV color 103.4860, -0.7326, -45.1532.



This preview shows how white text looks on a background with the YUV color 103.4860, -0.7326, -45.1532.

-45.1532.

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

103.4860, -0.7326, -45.1532

Protanopia

115.6990, -10.2046, 6.4030

Deuteranopia

116.9970, -5.4215, 12.2806



Tritanopia

108.0150, 13.7966, -38.6012

Trichromacy



Original Color

103.4860, -0.7326, -45.1532

Protanomaly

111.2020, -6.5086, -12.4552

Deuteranomaly

112.3210, -3.6093, -9.0515

Tritanomaly

106.6250, 8.5659, -40.8901

Monochromacy



Original Color

103.4860, -0.7326, -45.1532

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1890, -0.0932, -16.8288

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4860, -0.7326, -45.1532 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(52, 130, 102)` looks like.

```
.text, #text, p{  
    color:rgb(52, 130, 102)  
}
```

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(52, 130, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 130, 102) }
```

Border

The CSS property to change the border of an element to YUV 103.4860, -0.7326, -45.1532 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(52, 130, 102) }
```


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

```
.border{ border-color:rgb(52, 130, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 130, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 130, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 130, 102);  
box-shadow:4px 4px 4px 4px rgb(52, 130,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 103.4860, -0.7326, -45.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 130, 102) }
```

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

```
.background{ background-color: rgb(52, 130,  
102) }
```

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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