

Converting Colors

YUV(103.0000, 6.4090,
-49.1120)

Have a look what the booklet for
YUV(103.0000, 6.4090, -49.1120)
contains.

YUV(103.0000, 6.4090, -49.1120)	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(103.0000, 6.4090,
-49.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8174
RGB	47, 129, 116
RGB Percent	18%, 51%, 45%
CMY	0.8157, 0.4941, 0.5451
CMYK	0.64, 0.00, 0.10, 0.49
HSL	170°, 47%, 35%
HSV	170°, 64%, 51%
XYZ	12.1749, 17.5658, 19.2719
YIQ	103.0000, -44.6990, -21.4270

Conversions

Conversions Part 2

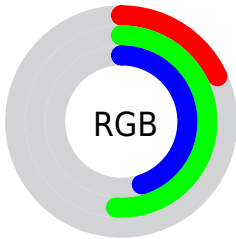
Format	Color
RYB	47, 92, 129
Decimal	3113332
CIELab	48.97, -27.98, -0.28
CIElCh	49, 27.978, 180.581
Yxy	17.5658, 0.2484, 0.3584
Android (android.graphics.Color)	4281303412 (0xFF2F8174)
YUV	103.0000, 6.4090, -49.1120
Hunter-Lab	41.9116, -21.4926, 2.0753

Details

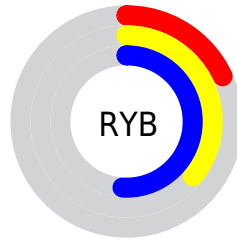
The YUV color **103.0000, 6.4090, -49.1120** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **73.0000, -6.4090, 49.1120**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7830, 5.5300, -47.1677**, and **54.1250, 6.8404, -47.4676** is the 20% darker color. If you saturate the color by 10%, you get **98.8850, 7.4517, -56.9041**, and if you desaturate by 10%, it is **107.1150, 5.3663, -41.3199**.

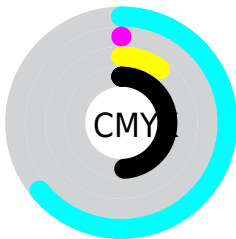
Distribution



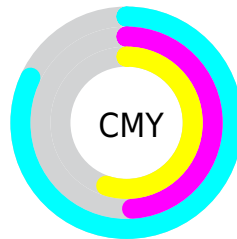
- Red (18%)
- Green (51%)
- Blue (45%)



- Red (18%)
- Yellow (36%)
- Blue (51%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0000, 6.4090, -49.1120 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 103.0000, 6.4090, -49.1120 by changing the saturation by 10% instead.

■ 103.0000, 6.4090,
-49.1120

■ 103.0000, 6.4090,
-49.1120

■ 255.0000, 0.0000,
0.0000

■ 74.4120, 8.1779,
-56.4893

■ 156.7830, 5.5300,
-47.1677

■ 54.1250, 6.8404,
-47.4676

■ 184.3700, 5.2406,
-47.6825

■ 38.1160, 3.8868,
-33.4277

■ 212.9570, 4.9512,
-48.1973

■ 23.3950, 0.7913,
-20.5174

■ 234.0270, 8.8607,
-42.1197

■ 0.0000, 0.0000,
0.0000

■ 243.0400, 5.8963,
-24.5911

■ 251.7110, 1.6215,

-6.7625

■ 103.0000, 6.4090,
-49.1120

■ 103.0000, 6.4090,
-49.1120

■ 98.8850, 7.4517,
-56.9041

■ 107.1150, 5.3663,
-41.3199

■ 94.7700, 8.4944,
-64.6963

■ 111.2300, 4.3236,
-33.5277

■ 90.6550, 9.5371,
-72.4884

■ 115.3450, 3.2809,
-25.7356

■ 88.1490, 10.2795,
-77.3067

■ 119.4600, 2.2382,
-17.9434

■ 123.5750, 1.1955,
-10.1513

■ 127.3910, 0.3002,
-2.9739

■ 131.5060, -0.7425,
4.8182

■ 135.6210, -1.7852,
12.6104

■ 139.7360, -2.8278,
20.4025

Harmonies

Analogous

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



108.6580, -8.2124, -26.0101



103.0000, 6.4090, -49.1120



96.7770, 21.3089, -68.2104

Triad

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



103.0000, 6.4090, -49.1120



118.3480, 19.0554, 1.4488



116.6220, -20.0266, 30.1495

Complementary

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



103.0000, 6.4090, -49.1120



73.0000, -6.4090, 49.1120

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.



117.7400, -12.1968, 38.8160



103.0000, 6.4090, -49.1120



119.7870, 9.9650, 23.8658

Square

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



103.0000, 6.4090, -49.1120



112.6650, 24.8152, -26.0162



119.0030, -0.9875, 36.8314



114.8390, -22.5986, 15.0502

Rectangle

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



103.0000, 6.4090, -49.1120



99.9610, 25.6552, -62.2328



119.0030, -0.9875, 36.8314



116.9260, -17.7115, 34.2679

Sweetspot

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



103.0000, 6.4090, -49.1120



157.8620, 2.5330, -19.1730



99.3200, -25.7938, -33.6066



77.9770, 1.4903, -11.3808



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.



103.0000, 6.4090, -49.1120



127.4480, 10.1321, -76.6919



88.6330, 19.9009, -36.5121



61.7930, 0.5951, -4.2035



87.3340, 9.6953, -76.5919



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.0000, -6.4090, 49.1120



80.6660, -9.6953, 76.5919



87.3670, -19.9009, 36.5121



59.2070, -0.5951, 4.2035



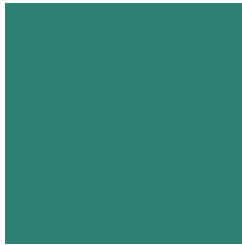
40.5520, -10.1321, 76.6919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.0000, 6.4090, -49.1120 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 103.0000, 6.4090, -49.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

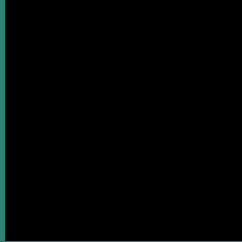
Any Text WCAG AA ✓ Pass

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 103.0000, 6.4090, -49.1120 Background



This preview shows how black text looks on a background with the YUV color 103.0000, 6.4090, -49.1120.



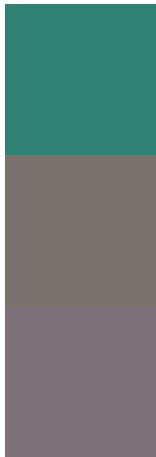
This preview shows how white text looks on a background with the YUV color 103.0000, 6.4090,

-49.1120.

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

103.0000, 6.4090, -49.1120

Protanopia

115.3980, -3.6472, 3.1590

Deuteranopia

116.7990, 1.5781, 7.1923



Tritanopia

106.2100, 14.6865, -44.0342

Trichromacy



Original Color

103.0000, 6.4090, -49.1120

Protanomaly

110.9010, 0.0488, -15.6992

Deuteranomaly

111.8350, 3.5323, -13.0103

Tritanomaly

105.1020, 11.7817, -45.6935

Monochromacy



Original Color

103.0000, 6.4090, -49.1120

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0000, 6.4090, -49.1120 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(47, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(47, 129, 116)  
}
```

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(47, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 129, 116) }
```

Border

The CSS property to change the border of an element to YUV 103.0000, 6.4090, -49.1120 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(47, 129, 116) }
```


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

```
.border{ border-color:rgb(47, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(47, 129,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 103.0000, 6.4090, -49.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 129, 116) }
```

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

```
.background{ background-color: rgb(47, 129,  
116) }
```

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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