

Converting Colors

YUV(103.7300, 6.0491,
-26.9502)

Have a look what the booklet for
YUV(103.7300, 6.0491, -26.9502)
contains.

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Color

**YUV(103.7300, 6.0491,
-26.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	497574
RGB	73, 117, 116
RGB Percent	29%, 46%, 45%
CMY	0.7137, 0.5412, 0.5451
CMYK	0.38, 0.00, 0.01, 0.54
HSL	179°, 23%, 37%
HSV	179°, 38%, 46%
XYZ	12.2613, 15.4000, 18.8493
YIQ	103.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

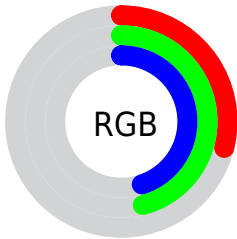
Format	Color
R_{YB}	73, 95, 117
Decimal	4814196
CIE _{Lab}	46.18, -15.36, -4.26
CIE _{LCh}	46, 15.945, 195.509
Yxy	15.4000, 0.2636, 0.3311
Android (android.graphics.Color)	4283004276 (0xFF497574)
YUV	103.7300, 6.0491, -26.9502
Hunter-Lab	39.2428, -12.9031, -1.0084

Details

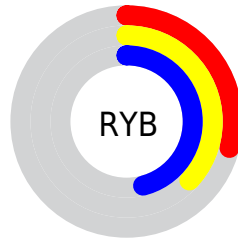
The YUV color **103.7300, 6.0491, -26.9502** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.2700, -6.0491, 26.9502**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4310, 6.1965, -27.5650**, and **55.1320, 6.3439, -28.1798** is the 20% darker color. If you saturate the color by 10%, you get **100.1420, 7.8180, -34.3275**, and if you desaturate by 10%, it is **107.3180, 4.2802, -19.5729**.

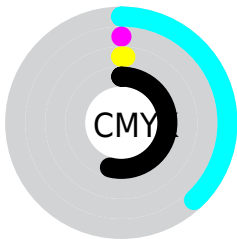
Distribution



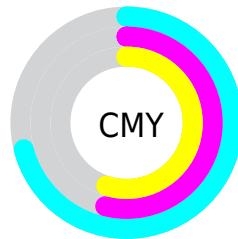
- Red (29%)
- Green (46%)
- Blue (45%)



- Red (29%)
- Yellow (37%)
- Blue (46%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7300, 6.0491, -26.9502 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 103.7300, 6.0491, -26.9502 by changing the saturation by 10% instead.

■ 103.7300, 6.0491,
-26.9502

■ 103.7300, 6.0491,
-26.9502

■ 255.0000, 0.0000,
0.0000

■ 78.7300, 6.0491,
-26.9502

■ 155.4310, 6.1965,
-27.5650

■ 55.1320, 6.3439,
-28.1798

■ 182.7190, 6.0545,
-28.6946

■ 32.2460, 6.7807,
-28.2797

■ 210.7190, 6.0545,
-28.6946

■ 18.1120, 3.3958,
-15.8842

■ 238.8330, 6.4913,
-28.7945

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 103.7300, 6.0491,
-26.9502

■ 103.7300, 6.0491,
-26.9502

■ 100.1420, 7.8180,
-34.3275

■ 107.3180, 4.2802,
-19.5729

■ 96.7390, 9.0027,
-40.9901

■ 110.7210, 3.0955,
-12.9103

■ 93.1510, 10.7716,
-48.3674

■ 114.3090, 1.3267,
-5.5330

■ 89.5630, 12.5404,
-55.7448

■ 117.8970, -0.4422,
1.8443

■ 85.9750, 14.3093,
-63.1221

■ 121.4850, -2.2111,
9.2217

■ 82.5720, 15.4940,
-69.7846

■ 124.8880, -3.3958,
15.8842

■ 81.6750, 15.9362,
-71.6290

■ 128.4760, -5.1647,
23.2615

■ 132.0640, -6.9336,

30.6389

■ 135.3530, -8.5550,
37.4014

Harmonies

Analogous

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



105.1240, -1.5401, -19.4027



103.7300, 6.0491, -26.9502



104.8100, 11.4327, -27.0204

Triad

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



103.7300, 6.0491, -26.9502



111.5200, 8.1246, 7.4370



109.1730, -12.4103, 13.8803

Complementary

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



103.7300, 6.0491, -26.9502



86.2700, -6.0491, 26.9502

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.



110.3140, -9.5218, 20.7726



103.7300, 6.0491, -26.9502



111.9790, 1.9824, 17.5584

Square

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



103.7300, 6.0491, -26.9502



109.5830, 12.5306, -5.7733



111.4050, -4.1437, 22.4468



108.2210, -11.9410, 3.3142

Rectangle

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



103.7300, 6.0491, -26.9502



106.0000, 13.3110, -22.8020



111.4050, -4.1437, 22.4468



109.8960, -12.2737, 16.7542

Sweetspot

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



103.7300, 6.0491, -26.9502



147.9170, 2.5059, -10.4512



99.1270, -12.8806, -22.0364



73.8960, 1.0373, -6.0478



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.7300, 6.0491, -26.9502



132.1410, 9.2975, -42.2197



91.5170, 12.5631, -16.2394



57.2060, 0.8844, -3.6887



85.2940, 17.1101, -74.8028



174.5660, 34.2310, -153.0944

Inverse Universe

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



86.2700, -6.0491, 26.9502



104.8590, -9.2975, 42.2197



98.4830, -12.5631, 16.2394



54.7940, -0.8844, 3.6887



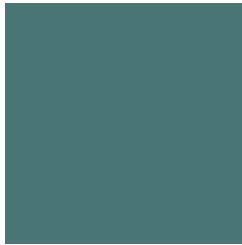
36.8200, -16.6733, 74.7029



75.4340, -34.2310, 153.0944

Previews

White Background



This preview shows how the YUV color 103.7300, 6.0491, -26.9502 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 103.7300, 6.0491, -26.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

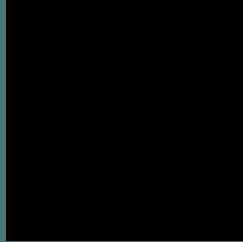
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7300, 6.0491, -26.9502

Background



This preview shows how black text looks on a background with the YUV color 103.7300, 6.0491, -26.9502.



This preview shows how white text looks on a background with the YUV color 103.7300, 6.0491,

-26.9502.

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

103.7300, 6.0491, -26.9502

Protanopia

108.9400, 1.0156, 0.9296

Deuteranopia

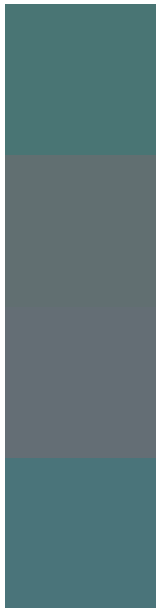
110.0590, 3.9149, 4.3333



Tritanopia

104.7670, 9.9749, -26.1057

Trichromacy



Original Color

103.7300, 6.0491, -26.9502

Protanomaly

107.0420, 2.9373, -8.8068

Deuteranomaly

107.8080, 4.5317, -6.8476

Tritanomaly

104.1260, 8.8119, -26.4205

Monochromacy



Original Color

103.7300, 6.0491, -26.9502

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7300, 6.0491, -26.9502 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(73, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(73, 117, 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(73, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 117, 116) }
```

Border

The CSS property to change the border of an element to YUV 103.7300, 6.0491, -26.9502 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(73, 117, 116) }
```


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

```
.border{ border-color:rgb(73, 117, 116) }
```

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

Here you see how a box with a 4 pixel rgb(73, 117, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(73, 117,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 103.7300, 6.0491, -26.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 117, 116) }
```

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

```
.background{ background-color: rgb(73, 117,  
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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