

Converting Colors

YUV(106.1600, 3.8651,
-26.4503)

Have a look what the booklet for
YUV(106.1600, 3.8651, -26.4503)
contains.

YUV(106.1600, 3.8651, -26.4503)	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(106.1600, 3.8651,
-26.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7872
RGB	76, 120, 114
RGB Percent	30%, 47%, 45%
CMY	0.7020, 0.5294, 0.5529
CMYK	0.37, 0.00, 0.05, 0.53
HSL	172°, 22%, 38%
HSV	172°, 37%, 47%
XYZ	12.7342, 16.1843, 18.3723
YIQ	106.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

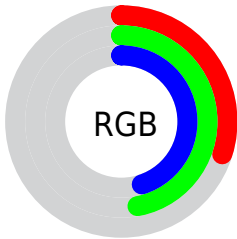
Format	Color
R_{YB}	76, 100, 120
Decimal	5011570
CIE _{Lab}	47.22, -16.63, -1.53
CIE _{LCh}	47, 16.702, 185.240
Yxy	16.1843, 0.2693, 0.3422
Android (android.graphics.Color)	4283201650 (0xFF4C7872)
YUV	106.1600, 3.8651, -26.4503
Hunter-Lab	40.2298, -13.9002, 1.0840

Details

The YUV color **106.1600, 3.8651, -26.4503** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.8400, -3.8651, 26.4503**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8610, 4.0125, -27.0651**, and **57.2740, 4.3019, -26.5503** is the 20% darker color. If you saturate the color by 10%, you get **102.3440, 4.7604, -33.6277**, and if you desaturate by 10%, it is **109.9760, 2.9698, -19.2730**.

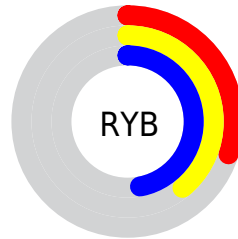
Distribution



Red (30%)

Green (47%)

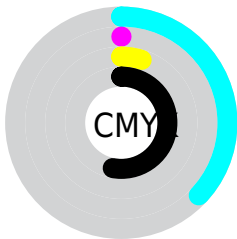
Blue (45%)



Red (30%)

Yellow (39%)

Blue (47%)

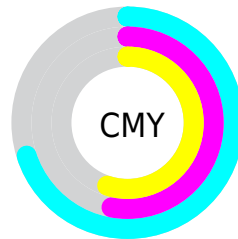


Cyan (37%)

Magenta (0%)

Yellow (5%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1600, 3.8651, -26.4503 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 106.1600, 3.8651, -26.4503 by changing the saturation by 10% instead.

■ 106.1600, 3.8651,
-26.4503

■ 106.1600, 3.8651,
-26.4503

■ 255.0000, 0.0000,
0.0000

■ 81.5730, 4.1545,
-25.9355

■ 157.8610, 4.0125,
-27.0651

■ 57.2740, 4.3019,
-26.5503

■ 185.1490, 3.8705,
-28.1947

■ 33.7790, 5.0390,
-29.6242

■ 213.1490, 3.8705,
-28.1947

■ 19.7590, 2.0908,
-17.3286

■ 240.5620, 4.1599,
-27.6799

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

■ 106.1600, 3.8651,
-26.4503

■ 106.1600, 3.8651,
-26.4503

■ 102.3440, 4.7604,
-33.6277

■ 109.9760, 2.9698,
-19.2730

■ 98.6420, 6.0925,
-40.9050

■ 113.6780, 1.6377,
-11.9956

■ 94.8260, 6.9878,
-48.0824

■ 117.4940, 0.7425,
-4.8182

■ 91.0100, 7.8831,
-55.2598

■ 121.3100, -0.1528,
2.3591

■ 87.3080, 9.2152,
-62.5371

■ 125.0120, -1.4849,
9.6365

■ 83.4920, 10.1104,
-69.7145

■ 128.8280, -2.3802,
16.8138

■ 82.2960, 10.7001,
-72.1736

■ 132.5300, -3.7123,
24.0912

■ 136.3460, -4.6076,

31.2686

■ 140.1620, -5.5029,
38.4459

Harmonies

Analogous

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



107.8640, -3.8770, -16.5437



106.1600, 3.8651, -26.4503



105.9730, 10.8593, -29.7943

Triad

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



106.1600, 3.8651, -26.4503



113.7690, 10.4669, 2.8336



112.4940, -12.5685, 17.9838

Complementary

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



106.1600, 3.8651, -26.4503



89.8400, -3.8651, 26.4503

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.



113.2650, -8.5116, 23.4466



106.1600, 3.8651, -26.4503



114.6520, 4.6086, 15.2142

Square

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



106.1600, 3.8651, -26.4503



111.3050, 14.1466, -10.7915



114.2740, -2.1071, 22.5617



111.2000, -13.4096, 7.7176

Rectangle

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



106.1600, 3.8651, -26.4503



107.6790, 13.4693, -26.9055



114.2740, -2.1071, 22.5617



113.0320, -11.8478, 20.1429

Sweetspot

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



106.1600, 3.8651, -26.4503



150.2760, 1.3429, -10.7661



103.9210, -13.7651, -18.3477



75.8960, 1.0373, -6.0478



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



106.1600, 3.8651, -26.4503



134.2290, 5.8031, -41.4198



98.0390, 10.8268, -19.3282



59.0920, 0.4476, -3.5887



85.6870, 11.0003, -75.1475



172.7760, 22.2954, -151.5246

Inverse Universe

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



89.8400, -3.8651, 26.4503



108.6570, -6.2399, 41.5198



97.9610, -10.8268, 19.3282



56.9080, -0.4476, 3.5887



39.3130, -11.0003, 75.1475



79.2240, -22.2954, 151.5246

Previews

White Background



This preview shows how the YUV color 106.1600, 3.8651, -26.4503 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 106.1600, 3.8651, -26.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

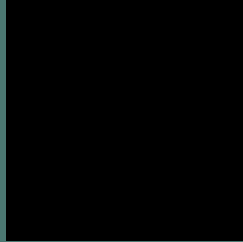
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1600, 3.8651, -26.4503

Background



This preview shows how black text looks on a background with the YUV color 106.1600, 3.8651, -26.4503.



This preview shows how white text looks on a background with the YUV color 106.1600, 3.8651,

-26.4503.

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

106.1600, 3.8651, -26.4503

Protanopia

111.6690, -1.3158, 2.0443

Deuteranopia

112.5000, 1.7255, 6.5775



Tritanopia

107.3650, 9.6801, -24.8761

Trichromacy



Original Color

106.1600, 3.8651, -26.4503

Protanomaly

109.4720, 0.7533, -8.3069

Deuteranomaly

109.9500, 2.4896, -5.2182

Tritanomaly

107.0830, 7.3541, -25.5058

Monochromacy



Original Color

106.1600, 3.8651, -26.4503

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1600, 3.8651, -26.4503 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(76, 120, 114)` looks like.

```
.text, #text, p{  
    color:rgb(76, 120, 114)  
}
```

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(76, 120, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 120, 114) }
```

Border

The CSS property to change the border of an element to YUV 106.1600, 3.8651, -26.4503 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(76, 120, 114) }
```


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

```
.border{ border-color:rgb(76, 120, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 120, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 120, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 120, 114);  
box-shadow:4px 4px 4px 4px rgb(76, 120,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 106.1600, 3.8651, -26.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 120, 114) }
```

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

```
.background{ background-color: rgb(76, 120,  
114) }
```

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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