

Converting Colors

YUV(157.5100, -3.7024,
-25.8803)

Have a look what the booklet for
YUV(157.5100, -3.7024, -25.8803)
contains.

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Color

**YUV(157.5100, -3.7024,
-25.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	80AE96
RGB	128, 174, 150
RGB Percent	50%, 68%, 59%
CMY	0.4980, 0.3176, 0.4118
CMYK	0.26, 0.00, 0.14, 0.32
HSL	149°, 22%, 59%
HSV	149°, 26%, 68%
XYZ	29.5432, 37.0633, 34.4510
YIQ	157.5100, -19.7120, -17.2160

Conversions

Conversions Part 2

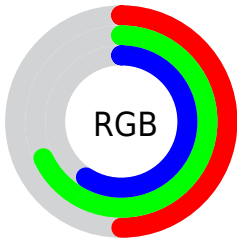
Format	Color
RYB	128, 159, 174
Decimal	8433302
CIELab	67.32, -20.46, 7.38
CIELCh	67, 21.752, 160.169
Yxy	37.0633, 0.2923, 0.3668
Android (android.graphics.Color)	4286623382 (0xFF80AE96)
YUV	157.5100, -3.7024, -25.8803
Hunter-Lab	60.8796, -19.9184, 9.0643

Details

The YUV color **157.5100, -3.7024, -25.8803** is a light color, and the websafe version is hex **669999**. A complement of this color would be **144.4900, 3.7024, 25.8803**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6840, -4.2812, -26.9099**, and **105.3360, -3.1236, -24.8507** is the 20% darker color. If you saturate the color by 10%, you get **151.4010, -5.1277, -35.4317**, and if you desaturate by 10%, it is **163.6190, -2.2772, -16.3289**.

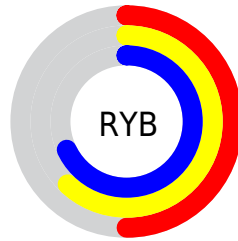
Distribution



Red (50%)

Green (68%)

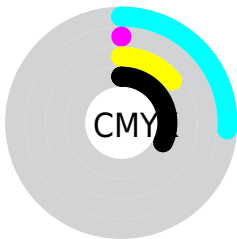
Blue (59%)



Red (50%)

Yellow (62%)

Blue (68%)

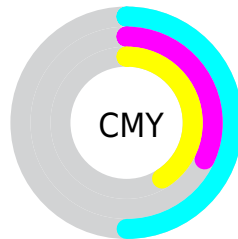


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (50%)

Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5100, -3.7024, -25.8803 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 157.5100, -3.7024, -25.8803 by changing the saturation by 10% instead.

■ 157.5100, -3.7024,
-25.8803

■ 157.5100, -3.7024,
-25.8803

255.0000, 0.0000,
0.0000

■ 130.9230, -3.4130,
-25.3655

■ 212.6840, -4.2812,
-26.9099

■ 105.3360, -3.1236,
-24.8507

■ 238.9230, -3.4130,
-25.3655

■ 80.7490, -2.8343,
-24.3359

■ 249.9170, 2.5059,
-10.4512

■ 56.9770, -1.9607,
-24.5358

■ 34.0800, -1.5184,
-26.3802

■ 18.5220, -5.1873,
-16.2438

■ 0.0000, 0.0000,

0.0000

■ 157.5100, -3.7024,
-25.8803

■ 157.5100, -3.7024,
-25.8803

■ 151.4010, -5.1277,
-35.4317

■ 163.6190, -2.2772,
-16.3289

■ 144.9930, -6.4055,
-45.5979

■ 170.0270, -0.9993,
-6.1627

■ 138.8840, -7.8308,
-55.1493

■ 176.1360, 0.4260,
3.3887

■ 132.4760, -9.1087,
-65.3155

■ 182.5440, 1.7038,
13.5549

■ 126.3670,
-10.5339, -74.8669

■ 188.6530, 3.1291,
23.1063

■ 120.2580,
-11.9592, -84.4183

■ 194.7620, 4.5543,
32.6577

■ 113.7360,
-13.6738, -94.4845

■ 201.2840, 6.2690,
42.7239

■ 111.6000,
-14.0998, -97.8732

■ 203.8050, 9.4631,
44.8980

■ 204.8310, 13.3943,
43.9982

Harmonies

Analogous

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



159.9160, -12.7766, -8.6963



157.5100, -3.7024, -25.8803



155.5930, 7.1027, -38.2311

Triad

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



157.5100, -3.7024, -25.8803



163.5590, 18.9514, -11.8912



166.1690, -12.9013, 31.4238

Complementary

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



157.5100, -3.7024, -25.8803



144.4900, 3.7024, 25.8803

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.



167.0580, -4.4656, 32.3981



157.5100, -3.7024, -25.8803



166.8990, 13.3608, 7.9816

Square

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



157.5100, -3.7024, -25.8803



159.6660, 19.8847, -31.2791



167.2340, 5.3076, 24.3508



164.1480, -17.8210, 22.6722

Rectangle

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



157.5100, -3.7024, -25.8803



155.2920, 13.6600, -41.4751



167.2340, 5.3076, 24.3508



166.1630, -10.4334, 33.1830

Sweetspot

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



157.5100, -3.7024, -25.8803



220.4780, -1.7147, -10.0662



162.4770, -16.9972, -8.3113



110.7280, -0.8519, -6.7775



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



157.5100, -3.7024, -25.8803



200.8410, -5.8376, -41.0796



160.0180, 5.9071, -28.0798



83.7390, -0.8573, -5.0331



96.2580, -11.9592, -84.4183



14.7550, -1.8512, -12.9401

Inverse Universe

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



144.4900, 3.7024, 25.8803



180.1590, 5.8376, 41.0796



141.9820, -5.9071, 28.0798



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 157.5100, -3.7024, -25.8803 looks on a white background.

Color Contrast Check

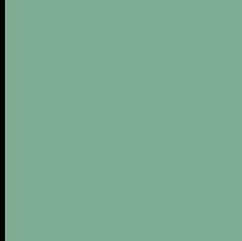
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 157.5100, -3.7024, -25.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

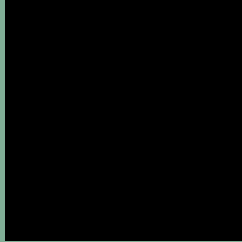
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.5100, -3.7024, -25.8803

Background



This preview shows how black text looks on a background with the YUV color 157.5100, -3.7024, -25.8803.



This preview shows how white text looks on a background with the YUV color 157.5100, -3.7024,

-25.8803.

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

157.5100, -3.7024, -25.8803

Protanopia

163.2260, -9.4784, 6.8178

Deuteranopia

164.9050, -5.8692, 15.8693



Tritanopia

160.1310, 11.2744, -22.9169

Trichromacy



Original Color

157.5100, -3.7024, -25.8803

Protanomaly

161.0180, -7.4039, -5.2778

Deuteranomaly

162.3330, -5.0942, 0.5850

Tritanomaly

159.3390, 5.7489, -23.9763

Monochromacy



Original Color

157.5100, -3.7024, -25.8803

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8910, -1.4253, -9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5100, -3.7024, -25.8803 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(128, 174, 150)` looks like.

```
.text, #text, p{  
    color:rgb(128, 174, 150)  
}
```

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(128, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 174, 150) }
```

Border

The CSS property to change the border of an element to YUV 157.5100, -3.7024, -25.8803 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(128, 174, 150) }
```


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

```
.border{ border-color:rgb(128, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(128, 174,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 157.5100, -3.7024, -25.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 174, 150) }
```

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

```
.background{ background-color: rgb(128,  
174, 150) }
```

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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