

Converting Colors

YIQ(157.6510, -24.6630,
-21.1030)

Have a look what the booklet for
YIQ(157.6510, -24.6630, -21.1030)
contains.

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Color

**YIQ(157.6510, -24.6630,
-21.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	79B295
RGB	121, 178, 149
RGB Percent	47%, 70%, 58%
CMY	0.5256, 0.3019, 0.4158
CMYK	0.32, 0.00, 0.16, 0.30
HSL	149°, 27%, 59%
HSV	149°, 32%, 70%
XYZ	29.2281, 38.0817, 34.2357
YIQ	157.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

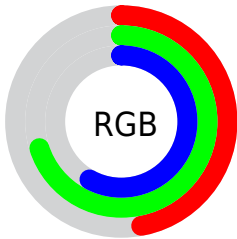
Format	Color
RYB	121, 159, 178
Decimal	7975573
CIELab	68.08, -24.93, 8.97
CIElCh	68, 26.494, 160.216
Yxy	38.0817, 0.2878, 0.3750
Android (android.graphics.Color)	4286165653 (0xFF79B295)
YUV	157.6510, -4.2649, -32.1429
Hunter-Lab	61.7104, -23.4496, 10.3043

Details

The YIQ color **157.6510, -24.6630, -21.1030** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **141.3490, 24.6630, 21.1030**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8250, -25.2130, -22.1490**, and **105.4770, -24.1130, -20.0570** is the 20% darker color. If you saturate the color by 10%, you get **151.2430, -32.5020, -27.7180**, and if you desaturate by 10%, it is **164.0590, -16.8240, -14.4880**.

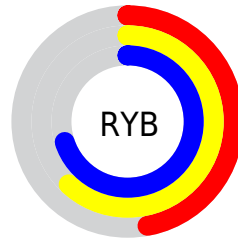
Distribution



Red (47%)

Green (70%)

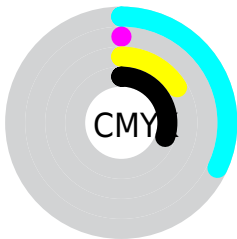
Blue (58%)



Red (47%)

Yellow (62%)

Blue (70%)

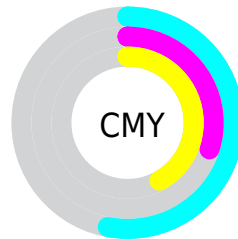


Cyan (32%)

Magenta (0%)

Yellow (16%)

Black (30%)



Cyan (53%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.6510, -24.6630, -21.1030 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 YIQ color 157.6510, -24.6630, -21.1030 by changing the saturation by 10% instead.

■ 157.6510,
-24.6630, -21.1030

■ 157.6510,
-24.6630, -21.1030

■ 255.0000, -0.0000,
-0.0000

■ 131.0640,
-24.3880, -20.5800

■ 212.8250,
-25.2130, -22.1490

■ 105.4770,
-24.1130, -20.0570

■ 236.7160,
-23.2880, -18.4880

■ 80.5910, -24.4340,
-19.7460

■ 247.8240,
-14.3040, -5.0880

■ 55.9220, -26.8640,
-19.7600

■ 34.0580, -24.2510,
-17.5550

■ 19.5820, -11.0470,
-14.5590

■ 0.0000, 0.0000,

0.0000

■ 157.6510,
-24.6630, -21.1030

■ 157.6510,
-24.6630, -21.1030

■ 151.2430,
-32.5020, -27.7180

■ 164.0590,
-16.8240, -14.4880

■ 144.8350,
-40.3410, -34.3330

■ 170.4670, -8.9850,
-7.8730

■ 138.7260,
-47.5840, -40.7360

■ 176.5760, -1.7420,
-1.4700

■ 132.3180,
-55.4230, -47.3510

■ 182.9840, 6.0970,
5.1450

■ 125.9100,
-63.2620, -53.9660

■ 189.3920, 13.9360,
11.7600

■ 119.5020,
-71.1010, -60.5810

■ 195.8000, 21.7750,
18.3750

■ 114.4040,
-76.8770, -66.0370

■ 202.2080, 29.6140,
24.9900

■ 205.9250, 32.0890,
29.6970

■ 207.0650, 28.8790,
32.8070

Harmonies

Analogous

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



161.0960, -1.0510, -19.5070



157.6510, -24.6630, -21.1030



154.5100, -46.0750, -18.5150

Triad

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



157.6510, -24.6630, -21.1030



165.3890, -25.5400, 11.3240



167.8170, 40.3000, 7.5320

Complementary

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



157.6510, -24.6630, -21.1030



141.3490, 24.6630, 21.1030

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.



168.8740, 36.1260, 17.1020



157.6510, -24.6630, -21.1030



169.1210, -1.0580, 19.1820

Square

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



157.6510, -24.6630, -21.1030



159.5770, -47.0410, -1.0010



169.6090, 20.9950, 21.4990



166.0300, 34.8460, -3.7620

Rectangle

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



157.6510, -24.6630, -21.1030



154.4260, -54.4660, -15.1220



169.6090, 20.9950, 21.4990



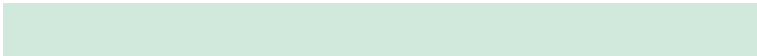
168.3380, 40.3910, 11.3910

Sweetspot

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



157.6510, -24.6630, -21.1030



223.7550, -9.8560, -8.6080



163.1300, 1.6090, -23.6630



112.0160, -6.0970, -5.1450



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



157.6510, -24.6630, -21.1030



200.5580, -38.0030, -32.6510



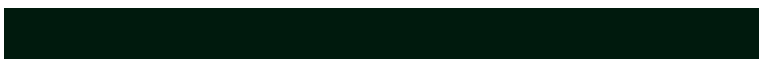
160.8430, -33.6510, -12.3950



85.8530, -4.0800, -3.1520



98.3610, -66.1500, -56.6940



16.7440, -11.3230, -9.5550

Inverse Universe

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



141.3490, 24.6630, 21.1030



175.4420, 38.0030, 32.6510



138.1570, 33.6510, 12.3950



83.2610, 3.7590, 3.4630



54.6390, 66.1500, 56.6940



9.2560, 11.3230, 9.5550

Previews

White Background



This preview shows how the YIQ color 157.6510, -24.6630, -21.1030 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 YIQ color 157.6510, -24.6630, -21.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

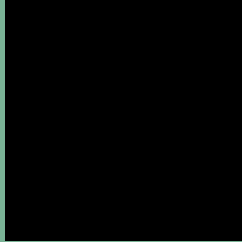
Any Text WCAG AA ✓ Pass

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](#).

YIQ 157.6510, -24.6630, -21.1030 Background



This preview shows how black text looks on a background with the YIQ color 157.6510, -24.6630, -21.1030.



This preview shows how white text looks on a background with the YIQ color 157.6510, -24.6630, -21.1030.

-21.1030.

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

157.6510, -24.6630, -21.1030

Protanopia

164.7700, 12.1510, -5.4570

Deuteranopia

166.3890, 18.0180, 3.8580



Tritanopia

161.4400, -30.7180, -4.9740

Trichromacy



Original Color

157.6510, -24.6630, -21.1030

Protanomaly

162.3660, -1.5110, -11.1670

Deuteranomaly

163.2080, 2.1100, -5.2020

Tritanomaly

160.1210, -28.5620, -11.0100

Monochromacy



Original Color

157.6510, -24.6630, -21.1030

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8800, -8.7100, -7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6510, -24.6630, -21.1030 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(121, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(121, 178, 149)  
}
```

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(121, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 178, 149) }
```

Border

The CSS property to change the border of an element to YIQ 157.6510, -24.6630, -21.1030 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(121, 178, 149) }
```


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

```
.border{ border-color:rgb(121, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(121, 178,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6510, -24.6630, -21.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 178, 149) }
```

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

```
.background{ background-color: rgb(121,  
178, 149) }
```

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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