

Converting Colors

YIQ(110.6900, -20.3990,
-21.2870)

Have a look what the booklet for
YIQ(110.6900, -20.3990, -21.2870)
contains.

YIQ(110.6900, -20.3990, -21.2870)	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

**YIQ(110.6900, -20.3990,
-21.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8261
RGB	78, 130, 97
RGB Percent	31%, 51%, 38%
CMY	0.6943, 0.4901, 0.6197
CMYK	0.40, 0.00, 0.25, 0.49
HSL	142°, 25%, 41%
HSV	142°, 40%, 51%
XYZ	13.2814, 18.4520, 14.1674
YIQ	110.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

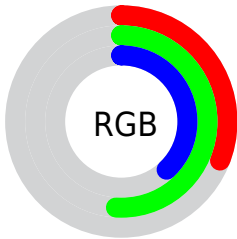
Format	Color
RYB	78, 116, 130
Decimal	5145185
CIELab	50.04, -25.19, 12.52
CIElCh	50, 28.131, 153.583
Yxy	18.4520, 0.2894, 0.4020
Android (android.graphics.Color)	4283335265 (0xFF4E8261)
YUV	110.6900, -6.7492, -28.6691
Hunter-Lab	42.9558, -19.9826, 10.5144

Details

The YIQ color **110.6900, -20.3990, -21.2870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97.3100, 20.3990, 21.2870**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8640, -20.9490, -22.3330**, and **61.0320, -21.3620, -20.3540** is the 20% darker color. If you saturate the color by 10%, you get **105.8910, -25.5790, -26.5310**, and if you desaturate by 10%, it is **115.4890, -15.2190, -16.0430**.

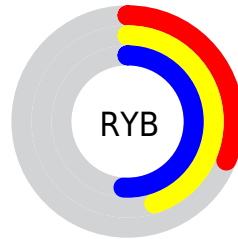
Distribution



Red (31%)

Green (51%)

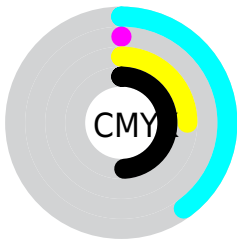
Blue (38%)



Red (31%)

Yellow (45%)

Blue (51%)

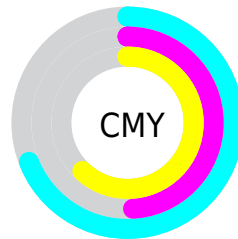


Cyan (40%)

Magenta (0%)

Yellow (25%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6900, -20.3990, -21.2870 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 110.6900, -20.3990, -21.2870 by changing the saturation by 10% instead.

■ 110.6900,
-20.3990, -21.2870

■ 110.6900,
-20.3990, -21.2870

■ 255.0000, -0.0000,
-0.0000

■ 85.8040, -20.7200,
-20.9760

■ 162.8640,
-20.9490, -22.3330

■ 61.0320, -21.3620,
-20.3540

■ 190.3370,
-20.9030, -23.1670

■ 36.7650, -24.9840,
-20.7920

■ 218.6250,
-21.7740, -23.9020

■ 21.1150, -11.2300,
-16.7500

■ 238.9940,
-18.1990, -17.1030

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,
-3.1800

■ 110.6900,
-20.3990, -21.2870

■ 110.6900,
-20.3990, -21.2870

■ 105.8910,
-25.5790, -26.5310

■ 115.4890,
-15.2190, -16.0430

■ 100.9780,
-30.4380, -32.0860

■ 120.2880,
-10.0390, -10.7990

■ 96.1790, -35.6180,
-37.3300

■ 125.2010, -5.1800,
-5.2440

■ 91.3800, -40.7980,
-42.5740

■ 130.0000, -0.0000,
-0.0000

■ 86.5810, -45.9780,
-47.8180

■ 134.7990, 5.1800,
5.2440

■ 81.7820, -51.1580,
-53.0620

■ 139.5980, 10.3600,
10.4880

■ 144.5110, 15.2190,
16.0430

■ 149.3100, 20.3990,

21.2870

■ 154.1090, 25.5790,
26.5310

Harmonies

Analogous

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



114.2600, 4.3590, -18.4330



110.6900, -20.3990, -21.2870



105.0320, -47.7250, -21.6530

Triad

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



110.6900, -20.3990, -21.2870



116.2740, -32.6460, 7.9460



120.2130, 39.2450, 10.1330

Complementary

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



110.6900, -20.3990, -21.2870



97.3100, 20.3990, 21.2870

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.



121.3730, 33.2830, 19.0670



110.6900, -20.3990, -21.2870



121.5440, -6.7430, 17.5850

Square

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



110.6900, -20.3990, -21.2870



107.5540, -57.4020, -5.9620



122.5700, 16.7310, 21.6830



118.7960, 35.6250, -1.3590

Rectangle

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



110.6900, -20.3990, -21.2870



101.1750, -64.1850, -20.7050



122.5700, 16.7310, 21.6830



121.0220, 38.4650, 13.2570

Sweetspot

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



110.6900, -20.3990, -21.2870



160.5380, -7.7470, -8.2830



118.6900, 5.9640, -19.9880



79.6140, -4.9050, -4.7210



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.



110.6900, -20.3990, -21.2870



138.2660, -31.3090, -32.8210



113.5400, -28.4240, -13.5120



61.4510, -2.8880, -2.7280



80.4940, -50.2870, -52.3270



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.3100, 20.3990, 21.2870



117.7340, 31.3090, 32.8210



94.4600, 28.4240, 13.5120



59.5490, 2.8880, 2.7280



47.5060, 50.2870, 52.3270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 110.6900, -20.3990, -21.2870 looks on a white 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

Black Background



This preview shows how the YIQ color 110.6900, -20.3990, -21.2870 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](#).

YIQ 110.6900, -20.3990, -21.2870 Background



This preview shows how black text looks on a background with the YIQ color 110.6900, -20.3990, -21.2870.



This preview shows how white text looks on a background with the YIQ color 110.6900, -20.3990, -21.2870.

-21.2870.

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

110.6900, -20.3990, -21.2870

Protanopia

117.4280, 13.1140, -6.3900

Deuteranopia

118.9820, 17.6060, 0.3100



Tritanopia

114.4790, -26.4540, -5.1580

Trichromacy



Original Color

110.6900, -20.3990, -21.2870

Protanomaly

114.9210, 1.2400, -11.4640

Deuteranomaly

116.1110, 3.7610, -7.5910

Tritanomaly

113.1600, -24.2980, -11.1940

Monochromacy



Original Color

110.6900, -20.3990, -21.2870

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9510, -7.4720, -7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6900, -20.3990, -21.2870 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(78, 130, 97)` looks like.

```
.text, #text, p{  
    color:rgb(78, 130, 97)  
}
```

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(78, 130, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 130, 97) }
```

Border

The CSS property to change the border of an element to YIQ 110.6900, -20.3990, -21.2870 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(78, 130, 97) }
```


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

```
.border{ border-color:rgb(78, 130, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 130, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 130, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 130, 97);  
box-shadow:4px 4px 4px 4px rgb(78, 130,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6900, -20.3990, -21.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 130, 97) }
```

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

```
.background{ background-color: rgb(78, 130,  
97) }
```

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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