

Converting Colors

YIQ(109.9570, 9.5860, -19.5500)

Have a look what the booklet for
YIQ(109.9570, 9.5860, -19.5500)
contains.

YIQ(109.9570, 9.5860, -19.5500)	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(109.9570, 9.5860,
-19.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7842
RGB	107, 120, 66
RGB Percent	42%, 47%, 26%
CMY	0.5805, 0.5294, 0.7411
CMYK	0.11, 0.00, 0.45, 0.53
HSL	74°, 29%, 36%
HSV	74°, 45%, 47%
XYZ	13.7625, 16.9526, 7.7042
YIQ	109.9570, 9.5860, -19.5500

Conversions

Conversions Part 2

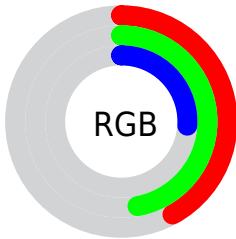
Format	Color
RYB	66, 120, 79
Decimal	7043138
CIELab	48.20, -14.17, 27.97
CIElCh	48, 31.352, 116.866
Yxy	16.9526, 0.3582, 0.4413
Android (android.graphics.Color)	4285233218 (0xFF6B7842)
YUV	109.9570, -21.6708, -2.5933
Hunter-Lab	41.1735, -12.3889, 17.7274

Details

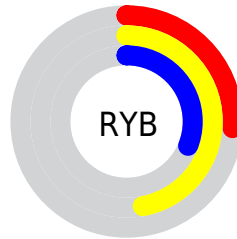
The YIQ color $109.9570, 9.5860, -19.5500$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $76.0430, -9.5860, 19.5500$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.6150, 10.5490, -20.4830$, and $61.8860, 8.3480, -19.1400$ is the 20% darker color. If you saturate the color by 10%, you get $107.6920, 11.6500, -23.9180$, and if you desaturate by 10%, it is $112.2220, 7.5220, -15.1820$.

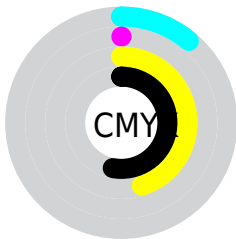
Distribution



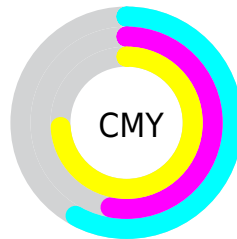
- Red (42%)
- Green (47%)
- Blue (26%)



- Red (26%)
- Yellow (47%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.9570, 9.5860, -19.5500 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 109.9570, 9.5860, -19.5500 by changing the saturation by 10% instead.

■ 109.9570, 9.5860,
-19.5500

■ 109.9570, 9.5860,
-19.5500

■ 255.0000, -0.0000,
-0.0000

■ 85.1850, 8.9440,
-18.9280

■ 161.6150, 10.5490,
-20.4830

■ 61.8860, 8.3480,
-19.1400

■ 189.3870, 11.1910,
-21.1050

■ 39.5270, 7.9810,
-17.9950

■ 217.2730, 11.5120,
-21.4160

■ 19.7140, -2.6110,
-13.2590

■ 244.5720, 12.1080,
-21.2040

■ 0.0000, 0.0000,
0.0000

■ 251.3520, 10.2720,
-9.9520

■ 254.6580, 0.9630,

-0.9330

■ 109.9570, 9.5860,
-19.5500

■ 109.9570, 9.5860,
-19.5500

■ 107.6920, 11.6500,
-23.9180

■ 112.2220, 7.5220,
-15.1820

■ 105.4270, 13.7140,
-28.2860

■ 114.4870, 5.4580,
-10.8140

■ 103.1620, 15.7780,
-32.6540

■ 116.7520, 3.3940,
-6.4460

■ 100.8970, 17.8420,
-37.0220

■ 119.0170, 1.3300,
-2.0780

■ 98.9310, 20.5020,
-41.1780

■ 120.9830, -1.3300,
2.0780

■ 97.6490, 21.2360,
-43.4680

■ 123.2480, -3.3940,
6.4460

■ 125.5130, -5.4580,
10.8140

■ 127.7780, -7.5220,
15.1820

■ 130.0430, -9.5860,
19.5500

Harmonies

Analogous

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



112.7640, 29.4830, -11.1970



109.9570, 9.5860, -19.5500



106.0770, -17.2350, -23.5630

Triad

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



109.9570, 9.5860, -19.5500



91.3870, -85.0930, -16.2370



117.0680, 32.8240, 21.8800

Complementary

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



109.9570, 9.5860, -19.5500



76.0430, -9.5860, 19.5500

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.



117.8840, 12.9710, 23.7470



109.9570, 9.5860, -19.5500



108.6360, -45.5290, 4.6390

Square

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



109.9570, 9.5860, -19.5500



90.7540, -79.1770, -24.3370



116.2380, -14.6290, 17.3310



115.5880, 42.6830, 13.9070

Rectangle

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



109.9570, 9.5860, -19.5500



101.7140, -38.1420, -24.6220



116.2380, -14.6290, 17.3310



117.4850, 27.2760, 23.3080

Sweetspot

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



109.9570, 9.5860, -19.5500



152.1110, 3.7610, -7.5910



89.7770, 28.6090, 4.6490



76.6210, 2.3850, -4.6790



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.



109.9570, 9.5860, -19.5500



140.1450, 14.4480, -30.5760



101.8840, -6.5060, -25.2740



60.0170, 1.3300, -2.0780



101.7800, 22.2450, -45.2350



205.3320, 45.1320, -91.0920

Inverse Universe

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



76.0430, -9.5860, 19.5500



87.5560, -15.0440, 30.3640



84.1160, 6.5060, 25.2740



56.2820, -0.7340, 2.2900



23.2200, -22.2450, 45.2350



46.9670, -44.5360, 91.3040

Previews

White Background



This preview shows how the YIQ color 109.9570, 9.5860, -19.5500 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 YIQ color 109.9570, 9.5860, -19.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

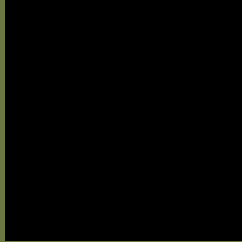
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.9570, 9.5860, -19.5500

Background



This preview shows how black text looks on a background with the YIQ color 109.9570, 9.5860, -19.5500.



This preview shows how white text looks on a background with the YIQ color 109.9570, 9.5860,

-19.5500.

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

109.9570, 9.5860, -19.5500

Protanopia

111.8880, 23.2020, -13.0060

Deuteranopia

113.4100, 30.7200, -6.0800



Tritanopia

114.9120, -2.5680, 2.4880

Trichromacy



Original Color

109.9570, 9.5860, -19.5500

Protanomaly

111.0830, 18.1590, -15.2250

Deuteranomaly

112.0560, 22.7890, -11.0270

Tritanomaly

112.9090, 1.5140, -5.4140

Monochromacy



Original Color

109.9570, 9.5860, -19.5500

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2250, 3.4400, -7.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9570, 9.5860, -19.5500 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(107, 120, 66)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 66)  
}
```

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(107, 120, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 66) }
```

Border

The CSS property to change the border of an element to YIQ 109.9570, 9.5860, -19.5500 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(107, 120, 66) }
```


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

```
.border{ border-color:rgb(107, 120, 66) }
```

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

Here you see how a box with a 4 pixel rgb(107, 120, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 66);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9570, 9.5860, -19.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 66) }
```

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

```
.background{ background-color: rgb(107,  
120, 66) }
```

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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