

Converting Colors

YIQ(105.5840, 31.3110, 21.7670)

Have a look what the booklet for
YIQ(105.5840, 31.3110, 21.7670)
contains.

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Color

**YIQ(105.5840, 31.3110,
21.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	95536C
RGB	149, 83, 108
RGB Percent	58%, 33%, 42%
CMY	0.4155, 0.6746, 0.5764
CMYK	0.00, 0.44, 0.28, 0.42
HSL	337°, 28%, 45%
HSV	337°, 44%, 58%
XYZ	18.2018, 13.6593, 15.8720
YIQ	105.5840, 31.3110, 21.7670

Conversions

Conversions Part 2

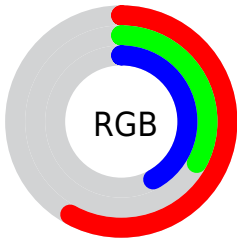
Format	Color
RYB	149, 83, 108
Decimal	9786220
CIELab	43.74, 30.70, -2.26
CIELCh	44, 30.783, 355.795
Yxy	13.6593, 0.3813, 0.2862
Android (android.graphics.Color)	4287976300 (0xFF95536C)
YUV	105.5840, 1.1911, 38.0758
Hunter-Lab	36.9584, 23.2329, 0.4085

Details

The YIQ color **105.5840, 31.3110, 21.7670** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.4160, -31.3110, -21.7670**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.0790, 34.2910, 22.8270**, and **56.2030, 28.0100, 21.0180** is the 20% darker color. If you saturate the color by 10%, you get **95.7530, 38.3250, 26.8130**, and if you desaturate by 10%, it is **115.4150, 24.2970, 16.7210**.

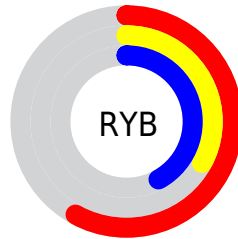
Distribution



Red (58%)

Green (33%)

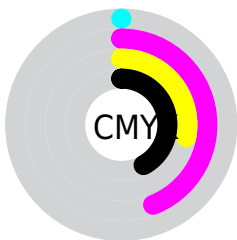
Blue (42%)



Red (58%)

Yellow (33%)

Blue (42%)

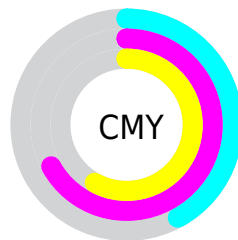


Cyan (0%)

Magenta (44%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (67%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.5840, 31.3110, 21.7670 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 105.5840, 31.3110, 21.7670 by changing the saturation by 10% instead.


 105.5840, 31.3110,
21.7670


 105.5840, 31.3110,
21.7670

255.0000, -0.0000,
-0.0000


 80.6870, 29.5230,
21.1310


 158.0790, 34.2910,
22.8270


 56.2030, 28.0100,
21.0180


 185.6770, 35.4830,
23.2510


 31.5450, 27.0470,
21.9510

 210.9970, 31.5860,
22.2900

 16.1050, 22.2340,
15.5620

 230.6250, 14.8980,
16.3540

 2.9900, 5.9600,
2.1200

 249.1300, 2.7500,
5.2300

 0.0000, 0.0000,
0.0000

■ 105.5840, 31.3110,
21.7670

■ 105.5840, 31.3110,
21.7670

■ 95.7530, 38.3250,
26.8130

■ 115.4150, 24.2970,
16.7210

■ 85.9220, 45.3390,
31.8590

■ 125.3600, 16.9620,
11.9860

■ 75.9770, 52.6740,
36.5940

■ 135.1910, 9.9480,
6.9400

■ 66.1460, 59.6880,
41.6400

■ 145.0220, 2.9340,
1.8940

■ 56.3150, 66.7020,
46.6860

■ 154.2660, -3.8050,
-2.6290


■ 51.0490, 70.5070,
49.3150

■ 164.2110,
-11.1400, -7.3640

■ 174.0420,
-18.1540, -12.4100

■ 183.8730,

-25.1680, -17.4560

 193.7040,
-32.1820, -22.5020

Harmonies

Analogous

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



106.7590, 11.8250, 22.4890



105.5840, 31.3110, 21.7670



104.2180, 40.8490, 14.1050

Triad

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



105.5840, 31.3110, 21.7670



99.3700, 9.8610, -19.0270



82.8610, -77.6200, -14.0040

Complementary

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



105.5840, 31.3110, 21.7670



126.4160, -31.3110, -21.7670

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.



82.3420, -72.0250, -21.7930



105.5840, 31.3110, 21.7670



95.0880, -15.7680, -22.6160

Square

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



105.5840, 31.3110, 21.7670



101.6930, 28.2450, -10.7870



85.9560, -50.5670, -25.2150



96.8100, -46.0790, 3.5930

Rectangle

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



105.5840, 31.3110, 21.7670



103.6490, 40.7130, 5.5530



85.9560, -50.5670, -25.2150



83.3510, -76.2440, -16.9160

Sweetspot

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



105.5840, 31.3110, 21.7670



177.5010, 12.0110, 8.0990



102.7830, 3.2500, 29.2180



86.4680, 7.6100, 5.2580



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



105.5840, 31.3110, 21.7670



126.2430, 48.8690, 33.9650



107.4300, 37.1360, 9.8080



69.3210, 3.5300, 2.1060



47.1900, 65.5560, 45.4280



3.4460, 4.6760, 3.3640

Inverse Universe

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



105.5840, 31.3110, 21.7670



126.2430, 48.8690, 33.9650



124.5700, -37.1360, -9.8080



69.3210, 3.5300, 2.1060



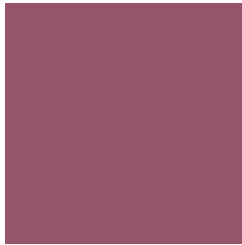
47.1900, 65.5560, 45.4280



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 105.5840, 31.3110, 21.7670 looks on a white background.

Color Contrast Check

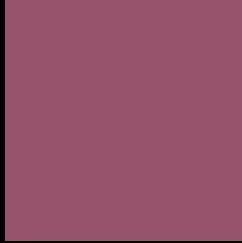
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.5840, 31.3110, 21.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

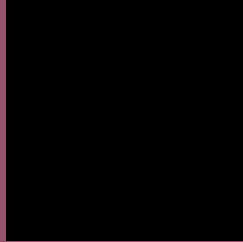
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.5840, 31.3110, 21.7670

Background



This preview shows how black text looks on a background with the YIQ color 105.5840, 31.3110, 21.7670.



This preview shows how white text looks on a background with the YIQ color 105.5840, 31.3110,

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

105.5840, 31.3110, 21.7670

Protanopia

104.3400, -6.6490, 4.8630

Deuteranopia

105.0440, 5.8680, 3.7880



Tritanopia

105.2220, 35.0260, 15.0100

Trichromacy



Original Color

105.5840, 31.3110, 21.7670

Protanomaly

104.8580, 6.6920, 10.8840

Deuteranomaly

104.9360, 15.2200, 10.5160

Tritanomaly

105.3190, 33.3750, 17.3990

Monochromacy



Original Color

105.5840, 31.3110, 21.7670

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2020, 11.4150, 7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.5840, 31.3110, 21.7670 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(149, 83, 108)` looks like.

```
.text, #text, p{  
    color:rgb(149, 83, 108)  
}
```

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(149, 83, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 83, 108) }
```

Border

The CSS property to change the border of an element to YIQ 105.5840, 31.3110, 21.7670 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(149, 83, 108) }
```


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

```
.border{ border-color:rgb(149, 83, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 83, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 83, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 83, 108);  
box-shadow:4px 4px 4px 4px rgb(149, 83,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 105.5840, 31.3110, 21.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 83, 108) }
```

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

```
.background{ background-color: rgb(149, 83,  
108) }
```

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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