

Converting Colors

YIQ(105.7110, -15.7240,
-12.3960)

Have a look what the booklet for
YIQ(105.7110, -15.7240, -12.3960)
contains.

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Color

**YIQ(105.7110, -15.7240,
-12.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	537666
RGB	83, 118, 102
RGB Percent	33%, 46%, 40%
CMY	0.6746, 0.5372, 0.6000
CMYK	0.30, 0.00, 0.14, 0.54
HSL	153°, 17%, 39%
HSV	153°, 30%, 46%
XYZ	12.4430, 15.7573, 14.9527
YIQ	105.7110, -15.7240, -12.3960

Conversions

Conversions Part 2

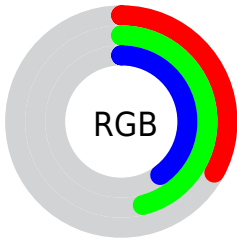
Format	Color
R_{YB}	83, 106, 118
Decimal	5469798
CIE _{Lab}	46.65, -16.18, 4.84
CIE _{LCh}	47, 16.889, 163.347
Yxy	15.7573, 0.2883, 0.3651
Android (android.graphics.Color)	4283659878 (0xFF537666)
YUV	105.7110, -1.8295, -19.9175
Hunter-Lab	39.6955, -13.5143, 5.4531

Details

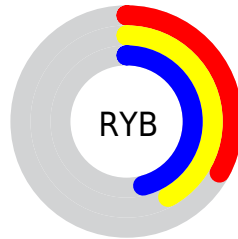
The YIQ color **105.7110, -15.7240, -12.3960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.2890, 15.7240, 12.3960**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.9990, -16.5950, -13.1310**, and **57.5370, -15.1740, -11.3500** is the 20% darker color. If you saturate the color by 10%, you get **101.5530, -21.2710, -16.4950**, and if you desaturate by 10%, it is **109.8690, -10.1770, -8.2970**.

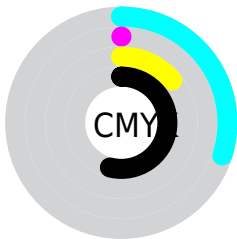
Distribution



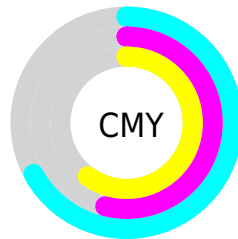
- Red (33%)
- Green (46%)
- Blue (40%)



- Red (33%)
- Yellow (42%)
- Blue (46%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.7110, -15.7240, -12.3960 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 105.7110, -15.7240, -12.3960 by changing the saturation by 10% instead.

■ 105.7110,
-15.7240, -12.3960

■ 105.7110,
-15.7240, -12.3960

■ 255.0000, -0.0000,
-0.0000

■ 81.1240, -15.4490,
-11.8730

■ 156.9990,
-16.5950, -13.1310

■ 57.5370, -15.1740,
-11.3500

■ 184.5860,
-16.8700, -13.6540

■ 35.3520, -16.0910,
-11.2510

■ 212.1730,
-17.1450, -14.1770

■ 17.2170, -11.2770,
-10.3890

■ 240.1730,
-17.1450, -14.1770

■ 0.0000, 0.0000,
0.0000

■ 251.7110, -6.5560,
-2.3320

■ 105.7110,
-15.7240, -12.3960

■ 105.7110,
-15.7240, -12.3960

■ 101.5530,
-21.2710, -16.4950

■ 109.8690,
-10.1770, -8.2970

■ 97.2810, -26.4970,
-20.9050

■ 114.1410, -4.9510,
-3.8870

■ 93.4220, -31.4480,
-24.7920

■ 118.0000, 0.0000,
-0.0000

■ 89.1500, -36.6740,
-29.2020

■ 122.2720, 5.2260,
4.4100

■ 84.9920, -42.2210,
-33.3010

■ 126.4300, 10.7730,
8.5090

■ 80.8340, -47.7680,
-37.4000

■ 130.5880, 16.3200,
12.6080

■ 76.5620, -52.9940,
-41.8100

■ 134.8600, 21.5460,
17.0180

■ 138.7190, 26.4970,

20.9050

■ 142.9910, 31.7230,
25.3150

Harmonies

Analogous

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



107.9530, -1.7860, -11.6900



105.7110, -15.7240, -12.3960



104.7190, -27.3700, -10.5860

Triad

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



105.7110, -15.7240, -12.3960



110.8000, -13.7560, 7.0120



111.9120, 23.7950, 3.7870

Complementary

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



105.7110, -15.7240, -12.3960



95.2890, 15.7240, 12.3960

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.



112.5300, 22.2350, 10.0350



105.7110, -15.7240, -12.3960



112.7480, 1.1900, 11.4780

Square

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



105.7110, -15.7240, -12.3960



107.3530, -25.8590, 0.5810



112.9190, 13.8900, 12.5940



110.6570, 19.8990, -2.7010

Rectangle

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



105.7110, -15.7240, -12.3960



104.5600, -31.1760, -7.6880



112.9190, 13.8900, 12.5940



112.3790, 23.9780, 5.9780

Sweetspot

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



105.7110, -15.7240, -12.3960



148.1300, -6.4180, -4.8340



108.3290, -0.0890, -14.9130



73.8530, -4.0800, -3.1520



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



105.7110, -15.7240, -12.3960



133.7050, -24.7550, -19.4350



106.9480, -20.5850, -6.8970



56.8640, -2.6130, -2.2050



79.1380, -54.7360, -43.2800



162.2540, -112.4060, -88.4540

Inverse Universe

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



95.2890, 15.7240, 12.3960



117.2950, 24.7550, 19.4350



94.0520, 20.5850, 6.8970



55.0220, 2.9340, 1.8940



42.8620, 54.7360, 43.2800



87.7460, 112.4060, 88.4540

Previews

White Background



This preview shows how the YIQ color 105.7110, -15.7240, -12.3960 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 105.7110, -15.7240, -12.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

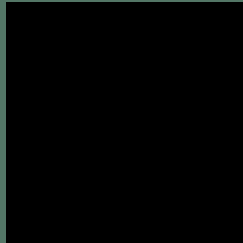
Any Text WCAG AA × Fail

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 105.7110, -15.7240, -12.3960 Background



This preview shows how black text looks on a background with the YIQ color 105.7110, -15.7240, -12.3960.



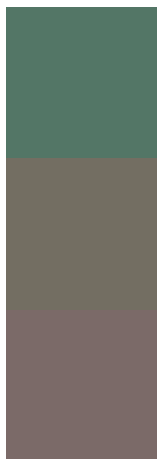
This preview shows how white text looks on a background with the YIQ color 105.7110, -15.7240, -12.3960.

-12.3960.

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

105.7110, -15.7240, -12.3960

Protanopia

110.1270, 6.8320, -2.6720

Deuteranopia

110.8550, 10.7740, 2.9820



Tritanopia

107.9530, -18.9810, -2.9250

Trichromacy



Original Color

105.7110, -15.7240, -12.3960

Protanomaly

108.4140, -1.4660, -6.4740

Deuteranomaly

108.6040, 1.0550, -2.6010

Tritanomaly

107.0300, -17.8800, -6.3600

Monochromacy



Original Color

105.7110, -15.7240, -12.3960

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.7110, -15.7240, -12.3960 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(83, 118, 102)` looks like.

```
.text, #text, p{  
    color:rgb(83, 118, 102)  
}
```

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(83, 118, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 118, 102) }
```

Border

The CSS property to change the border of an element to YIQ 105.7110, -15.7240, -12.3960 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(83, 118, 102) }
```


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

```
.border{ border-color:rgb(83, 118, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 118, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 118, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 118, 102);  
box-shadow:4px 4px 4px 4px rgb(83, 118,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 105.7110, -15.7240, -12.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 118, 102) }
```

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

```
.background{ background-color: rgb(83, 118,  
102) }
```

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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