

# Converting Colors

YIQ(105.0560, -12.7420,  
-22.3900)

Have a look what the booklet for  
YIQ(105.0560, -12.7420, -22.3900)  
contains.

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# Color

**YIQ(105.0560, -12.7420,  
-22.3900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7B51
RGB	79, 123, 81
RGB Percent	31%, 48%, 32%
CMY	0.6903, 0.5176, 0.6824
CMYK	0.36, 0.00, 0.34, 0.52
HSL	123°, 22%, 40%
HSV	123°, 36%, 48%
XYZ	11.7919, 16.4253, 10.3326
YIQ	105.0560, -12.7420, -22.3900

# Conversions

## Conversions Part 2

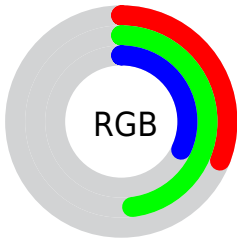
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 121, 123
Decimal	5208913
CIE <sub>Lab</sub>	47.53, -24.45, 18.31
CIE <sub>LCh</sub>	48, 30.544, 143.179
Yxy	16.4253, 0.3059, 0.4261
Android (android.graphics.Color)	4283398993 (0xFF4F7B51)
YUV	105.0560, -11.8596, -22.8511
Hunter-Lab	40.5282, -18.9885, 13.2538

# Details

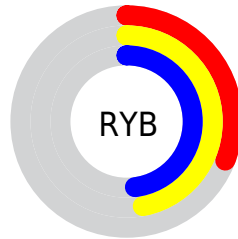
The YIQ color **105.0560, -12.7420, -22.3900** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **96.9440, 12.7420, 22.3900**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1160, -12.9710, -23.7470**, and **56.8110, -13.4300, -20.9340** is the 20% darker color. If you saturate the color by 10%, you get **100.1000, -16.0420, -28.6660**, and if you desaturate by 10%, it is **110.0120, -9.4420, -16.1140**.

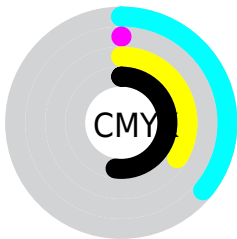
# Distribution



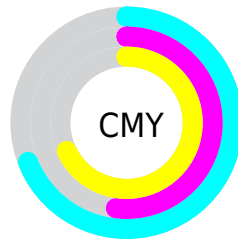
- Red (31%)
- Green (48%)
- Blue (32%)



- Red (31%)
- Yellow (47%)
- Blue (48%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 105.0560, -12.7420, -22.3900 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 105.0560, -12.7420, -22.3900 by changing the saturation by 10% instead.



■ 105.0560,  
-12.7420, -22.3900

■ 105.0560,  
-12.7420, -22.3900

■ 255.0000, -0.0000,  
-0.0000

■ 80.5830, -12.7880,  
-21.5560

■ 157.1160,  
-12.9710, -23.7470

■ 56.8110, -13.4300,  
-20.9340

■ 183.7030,  
-13.2460, -24.2700

■ 33.1420, -15.8600,  
-20.9480

■ 212.1760,  
-13.2000, -25.1040

■ 18.1970, -8.5250,  
-16.2130

■ 237.2410,  
-11.8250, -22.4890

■ 0.0000, 0.0000,  
0.0000

■ 248.8050, -4.1250,  
-7.8450

■ 105.0560,  
-12.7420, -22.3900

■ 105.0560,  
-12.7420, -22.3900

■ 100.1000,  
-16.0420, -28.6660

■ 110.0120, -9.4420,  
-16.1140

■ 94.9590, -20.2590,  
-34.8430

■ 115.1530, -5.2250,  
-9.9370

■ 90.0030, -23.5590,  
-41.1190

■ 120.1090, -1.9250,  
-3.6610

■ 85.0470, -26.8590,  
-47.3950

■ 125.0650, 1.3750,  
2.6150

■ 79.7920, -30.7550,  
-53.8830

■ 130.0210, 4.6750,  
8.8910

■ 74.9500, -34.3760,  
-59.8480

■ 135.1620, 8.8920,  
15.0680

■ 72.8850, -35.7510,  
-62.4630

■ 140.1180, 12.1920,  
21.3440

■ 145.0740, 15.4920,

27.6200

■ 150.3290, 19.3880,  
34.1080

# Harmonies

## Analogous

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



108.5660, 12.2450, -18.1790



105.0560, -12.7420, -22.3900



98.3050, -44.2400, -24.2400

# Triad

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



105.0560, -12.7420, -22.3900



105.7990, -47.5460, 2.6460



113.7450, 40.8030, 14.9390

# Complementary

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



105.0560, -12.7420, -22.3900



96.9440, 12.7420, 22.3900

# 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.



115.5130, 30.0730, 22.1770



105.0560, -12.7420, -22.3900



113.6290, -17.2880, 15.9600

# Square

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



105.0560, -12.7420, -22.3900



89.6430, -82.9380, -16.7460



116.0900, 9.3950, 22.4750



112.6550, 40.5760, 2.5280



# Rectangle

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



105.0560, -12.7420, -22.3900



88.0980, -74.4540, -27.3340



116.0900, 9.3950, 22.4750



114.0700, 38.5100, 17.9500

# Sweetspot

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



105.0560, -12.7420, -22.3900



153.6800, -5.2710, -9.1030



117.6850, 13.5280, -13.8960



77.4570, -3.0250, -5.7530



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000



# Same Dimension

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



105.0560, -12.7420, -22.3900



132.8450, -19.9380, -35.1540



107.4500, -19.4830, -15.8590



58.5220, -1.6500, -3.1380



74.0590, -36.3010, -63.5090



149.2920, -73.1520, -128.0640



# Inverse Universe

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



96.9440, 12.7420, 22.3900



120.0410, 20.2590, 34.8430



94.5500, 19.4830, 15.8590



57.4780, 1.6500, 3.1380



50.9410, 36.3010, 63.5090



102.8220, 72.8310, 128.3750



# Previews

## White Background



This preview shows how the YIQ color 105.0560, -12.7420, -22.3900 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 105.0560, -12.7420, -22.3900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

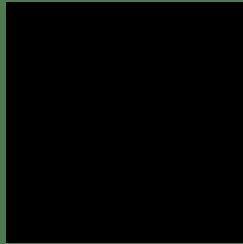
Any Text WCAG AA × Fail

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 105.0560, -12.7420, -22.3900 Background



This preview shows how black text looks on a background with the YIQ color 105.0560, -12.7420, -22.3900.



This preview shows how white text looks on a background with the YIQ color 105.0560, -12.7420, -22.3900.

-22.3900.

# 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

105.0560, -12.7420, -22.3900

### Protanopia

110.8860, 17.5160, -9.0760

### Deuteranopia

112.4400, 22.0080, -2.3760



## Tritanopia

109.4690, -20.4940, -3.0380

# Trichromacy



## Original Color

105.0560, -12.7420, -22.3900

## Protanomaly

108.6780, 6.2380, -13.9380

## Deuteranomaly

109.5800, 9.6300, -9.3300

## Tritanomaly

107.8080, -17.3750, -10.0070

# Monochromacy



## Original Color

105.0560, -12.7420, -22.3900

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.3920, -4.4000, -8.3680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 105.0560, -12.7420, -22.3900 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(79, 123, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 123, 81)  
}
```

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(79, 123, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 123, 81) }
```

## Border

The CSS property to change the border of an element to YIQ 105.0560, -12.7420, -22.3900 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(79, 123, 81) }
```



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

```
.border{ border-color:rgb(79, 123, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 123, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 123, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 123, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 123,  
81) }
```

# Background

The CSS property to change the background color of an element to YIQ 105.0560, -12.7420, -22.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 123, 81) }
```

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

```
.background{ background-color: rgb(79, 123,  
81) }
```

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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