

# Converting Colors

YIQ(98.2050, 24.5280, 7.0240)

Have a look what the booklet for  
YIQ(98.2050, 24.5280, 7.0240)  
contains.

<b>YIQ(98.2050, 24.5280, 7.0240)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(98.2050, 24.5280,  
7.0240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E5753
RGB	126, 87, 83
RGB Percent	49%, 34%, 33%
CMY	0.5058, 0.6589, 0.6744
CMYK	0.00, 0.31, 0.34, 0.51
HSL	6°, 21%, 41%
HSV	6°, 34%, 49%
XYZ	13.5768, 11.8760, 9.7655
YIQ	98.2050, 24.5280, 7.0240

# Conversions

## Conversions Part 2

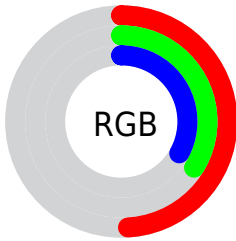
Format	Color
R <sub>Y</sub> B	126, 87, 83
Decimal	8279891
CIE Lab	41.02, 15.60, 8.78
CIE LCh	41, 17.904, 29.379
Yxy	11.8760, 0.3855, 0.3372
Android (android.graphics.Color)	4286469971 (0xFF7E5753)
YUV	98.2050, -7.4961, 24.3762
Hunter-Lab	34.4616, 10.0154, 7.3219

# Details

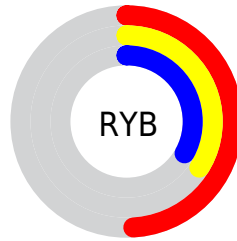
The YIQ color **98.2050, 24.5280, 7.0240** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.7950, -24.5280, -7.0240**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.2870, 27.2330, 7.5610**, and **50.8240, 21.2270, 6.2750** is the 20% darker color. If you saturate the color by 10%, you get **90.2660, 31.7260, 8.7340**, and if you desaturate by 10%, it is **106.1440, 17.3300, 5.3140**.

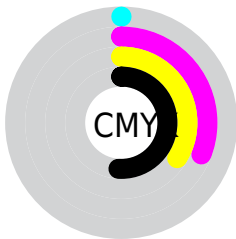
# Distribution



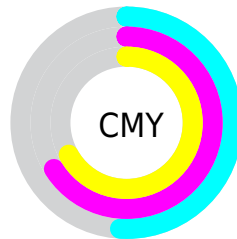
- Red (49%)
- Green (34%)
- Blue (33%)



- Red (49%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2050, 24.5280, 7.0240 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 98.2050, 24.5280, 7.0240 by changing the saturation by 10% instead.



■ 98.2050, 24.5280,  
7.0240

■ 98.2050, 24.5280,  
7.0240

■ 255.0000, -0.0000,  
-0.0000

■ 73.7210, 23.0150,  
6.9110

■ 149.2870, 27.2330,  
7.5610

■ 50.8240, 21.2270,  
6.2750

■ 175.9990, 28.1040,  
8.2960

■ 29.3400, 19.7140,  
6.1620

■ 203.7710, 28.7460,  
7.6740

■ 9.5680, 19.0720,  
6.7840

■ 228.4930, 23.6570,  
6.2890

■ 0.0000, 0.0000,  
0.0000

■ 248.8220, 6.3730,  
0.1410

98.2050, 24.5280,  
7.0240

98.2050, 24.5280,  
7.0240

90.2660, 31.7260,  
8.7340

106.1440, 17.3300,  
5.3140

81.8540, 38.8780,  
11.2780

114.5560, 10.1780,  
2.7700

73.9150, 46.0760,  
12.9880

122.4950, 2.9800,  
1.0600

65.5030, 53.2280,  
15.5320

130.9070, -4.1720,  
-1.4840

57.5640, 60.4260,  
17.2420

138.8460,  
-11.3700, -3.1940

49.0380, 67.8990,  
19.4750

147.3720,  
-18.8430, -5.4270

44.7180, 71.7960,  
20.4360

155.1970,  
-25.7200, -7.4480

163.7230,

-33.1930, -9.6810

■ 171.5480,  
-40.0700, -11.7020

# Harmonies

## Analogous

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



99.0290, 19.3920, 12.0000



98.2050, 24.5280, 7.0240



97.5050, 23.3830, 0.2390

# Triad

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



98.2050, 24.5280, 7.0240



92.1200, -9.6260, -12.7780



95.2120, -20.9080, 4.4680

# Complementary

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



98.2050, 24.5280, 7.0240



110.7950, -24.5280, -7.0240

# 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.



91.4230, -32.0480, -2.8960



98.2050, 24.5280, 7.0240



90.5190, -23.9310, -12.3390

# Square

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



98.2050, 24.5280, 7.0240



94.3020, 4.5410, -10.7150



89.8370, -33.5140, -9.3700



98.1000, -5.7330, 10.2910



# Rectangle

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



98.2050, 24.5280, 7.0240



96.4180, 19.0740, -4.2700



89.8370, -33.5140, -9.3700



94.1790, -25.3090, 1.6270

# Sweetspot

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



98.2050, 24.5280, 7.0240



152.3710, 9.2610, 2.8690



100.3030, 13.1090, 21.2450



75.5770, 5.6850, 1.5970



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.



98.2050, 24.5280, 7.0240



119.5550, 38.2820, 11.0660



110.5320, 18.7530, -3.9590



59.6800, 3.8970, 0.9610



45.3160, 72.9880, 20.8600



0.0000, 0.0000, 0.0000



# Inverse Universe

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



110.7950, -24.5280, -7.0240



139.4450, -38.2820, -11.0660



98.4680, -18.7530, 3.9590



61.3200, -3.8970, -0.9610



82.6840, -72.9880, -20.8600



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 98.2050, 24.5280, 7.0240 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 98.2050, 24.5280, 7.0240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

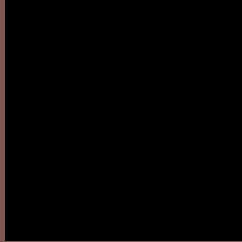
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 98.2050, 24.5280, 7.0240**

## **Background**



This preview shows how black text looks on a background with the YIQ color 98.2050, 24.5280, 7.0240.



This preview shows how white text looks on a background with the YIQ color 98.2050, 24.5280,



# 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

98.2050, 24.5280, 7.0240

### Protanopia

97.1700, 5.2730, -1.9510

### Deuteranopia

97.4270, 14.8550, 0.6070



## Tritanopia

98.9430, 22.5100, 10.5580

# Trichromacy



## Original Color

98.2050, 24.5280, 7.0240

## Protanomaly

97.2850, 12.3790, 1.4270

## Deuteranomaly

97.7480, 18.3850, 2.7130

## Tritanomaly

98.6010, 23.4730, 9.6250

# Monochromacy



## Original Color

98.2050, 24.5280, 7.0240

## Achromatopsia

98.0000, -0.0000, -0.0000

## Achromatomaly

98.0720, 8.6650, 2.6570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 98.2050, 24.5280, 7.0240 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(126, 87, 83)` looks like.

```
.text, #text, p{  
    color:rgb(126, 87, 83)  
}
```

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(126, 87, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 87, 83) }
```

## Border

The CSS property to change the border of an element to YIQ 98.2050, 24.5280, 7.0240 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(126, 87, 83) }
```



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

```
.border{ border-color:rgb(126, 87, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 87, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 87, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 87, 83);  
box-shadow:4px 4px 4px 4px rgb(126, 87,  
83) }
```

# Background

The CSS property to change the background color of an element to YIQ 98.2050, 24.5280, 7.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 87, 83) }
```

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

```
.background{ background-color: rgb(126, 87,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor