

Converting Colors

YIQ(97.2580, 7.8410, -4.4390)

Have a look what the booklet for
YIQ(97.2580, 7.8410, -4.4390)
contains.

YIQ(97.2580, 7.8410, -4.4390)	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(97.2580, 7.8410,
-4.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	666251
RGB	102, 98, 81
RGB Percent	40%, 38%, 32%
CMY	0.6000, 0.6157, 0.6823
CMYK	0.00, 0.04, 0.21, 0.60
HSL	49°, 11%, 36%
HSV	49°, 21%, 40%
XYZ	11.3326, 12.1541, 9.5355
YIQ	97.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

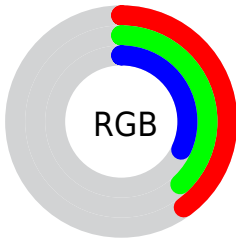
Format	Color
R _Y B	86, 102, 81
Decimal	6709841
CIE Lab	41.46, -1.58, 10.25
CIE LCh	41, 10.374, 98.752
Yxy	12.1541, 0.3432, 0.3681
Android (android.graphics.Color)	4284899921 (0xFF666251)
YUV	97.2580, -8.0152, 4.1587
Hunter-Lab	34.8627, -2.9857, 8.1871

Details

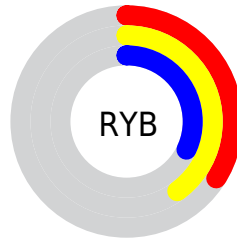
The YIQ color **97.2580, 7.8410, -4.4390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.7420, -7.8410, 4.4390**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0300, 8.4830, -5.0610**, and **51.0730, 6.9240, -4.3400** is the 20% darker color. If you saturate the color by 10%, you get **94.9440, 11.6010, -6.5030**, and if you desaturate by 10%, it is **99.5720, 4.0810, -2.3750**.

Distribution



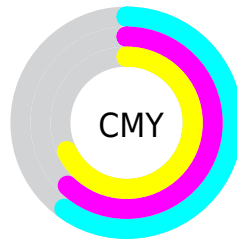
- Red (40%)
- Green (38%)
- Blue (32%)



- Red (34%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2580, 7.8410, -4.4390 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 97.2580, 7.8410, -4.4390 by changing the saturation by 10% instead.

■ 97.2580, 7.8410,
-4.4390

■ 97.2580, 7.8410,
-4.4390

■ 255.0000, -0.0000,
-0.0000

■ 73.3720, 7.5200,
-4.1280

■ 148.0300, 8.4830,
-5.0610

■ 51.0730, 6.9240,
-4.3400

■ 174.3290, 9.0790,
-4.8490

■ 29.8880, 6.0070,
-4.2410

■ 202.2150, 9.4000,
-5.1600

■ 4.7180, 0.7340,
-2.2900

■ 230.2150, 9.4000,
-5.1600

■ 0.0000, 0.0000,
0.0000

■ 253.1760, 5.1360,
-4.9760

■ 97.2580, 7.8410,
-4.4390

■ 97.2580, 7.8410,
-4.4390

■ 94.9440, 11.6010,
-6.5030

■ 99.5720, 4.0810,
-2.3750

■ 92.6300, 15.3610,
-8.5670

■ 101.8860, 0.3210,
-0.3110

■ 90.2020, 19.4420,
-10.9420

■ 104.3140, -3.7600,
2.0640

■ 87.8880, 23.2020,
-13.0060

■ 106.6280, -7.5200,
4.1280

■ 85.5740, 26.9620,
-15.0700

■ 108.9420,
-11.2800, 6.1920

■ 83.2600, 30.7220,
-17.1340

■ 111.2560,
-15.0400, 8.2560

■ 80.9460, 34.4820,
-19.1980

■ 113.5700,
-18.8000, 10.3200

■ 79.2190, 37.9670,

■ 115.9980,

-21.7850

-22.8810, 12.6950

■ 117.7250,
-26.3660, 15.2820

Harmonies

Analogous

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



98.0030, 13.1130, -0.8630



97.2580, 7.8410, -4.4390



96.3710, 0.0930, -7.1950

Triad

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



97.2580, 7.8410, -4.4390



94.9100, -17.4220, -3.6460



99.6360, 7.1970, 7.2370

Complementary

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



97.2580, 7.8410, -4.4390



85.7420, -7.8410, 4.4390

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.



98.9170, -0.9640, 6.4600



97.2580, 7.8410, -4.4390



96.1000, -14.9010, 0.2270

Square

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



97.2580, 7.8410, -4.4390



94.8840, -14.5330, -6.4450



98.0300, -8.7120, 3.7040



99.6320, 13.0200, 6.3320

Rectangle

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



97.2580, 7.8410, -4.4390



95.7340, -5.3630, -7.4350



98.0300, -8.7120, 3.7040



99.3800, 5.0420, 7.7460

Sweetspot

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



97.2580, 7.8410, -4.4390



130.9140, 3.1180, -1.4420



87.7350, 11.2320, 5.6960



64.9570, 1.5590, -0.7210



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



97.2580, 7.8410, -4.4390



125.0150, 12.8390, -6.9130



97.8120, 3.1650, -7.8030



49.8430, 1.8800, -1.0320



88.9760, 42.9650, -24.2590



187.4100, 90.3320, -51.2040

Inverse Universe

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



85.7420, -7.8410, 4.4390



106.9850, -12.8390, 6.9130



85.1880, -3.1650, 7.8030



47.1570, -1.8800, 1.0320



26.0240, -42.9650, 24.2590



54.5900, -90.3320, 51.2040

Previews

White Background



This preview shows how the YIQ color 97.2580, 7.8410, -4.4390 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 97.2580, 7.8410, -4.4390 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 97.2580, 7.8410, -4.4390

Background



This preview shows how black text looks on a background with the YIQ color 97.2580, 7.8410, -4.4390.



This preview shows how white text looks on a background with the YIQ color 97.2580, 7.8410,

-4.4390.

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

97.2580, 7.8410, -4.4390

Protanopia

97.5570, 8.4370, -4.2270

Deuteranopia

98.3130, 15.1760, 0.2960



Tritanopia

98.7880, 3.7130, 4.2970

Trichromacy



Original Color

97.2580, 7.8410, -4.4390

Protanomaly

97.5570, 8.4370, -4.2270

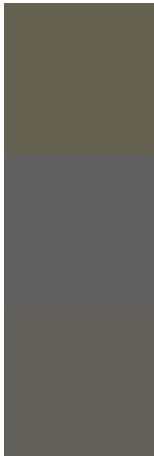
Deuteranomaly

97.7040, 12.5170, -1.0750

Tritanomaly

98.1640, 5.4100, 1.0740

Monochromacy



Original Color

97.2580, 7.8410, -4.4390

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2580, 7.8410, -4.4390 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(102, 98, 81)` looks like.

```
.text, #text, p{  
    color:rgb(102, 98, 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(102, 98, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 98, 81) }
```

Border

The CSS property to change the border of an element to YIQ 97.2580, 7.8410, -4.4390 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(102, 98, 81) }
```


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

```
.border{ border-color:rgb(102, 98, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 98, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 98, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 98, 81);  
box-shadow:4px 4px 4px 4px rgb(102, 98,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2580, 7.8410, -4.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 98, 81) }
```

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

```
.background{ background-color: rgb(102, 98,  
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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