

Converting Colors

YIQ(97.0520, 12.5580, 25.7260)

Have a look what the booklet for
YIQ(97.0520, 12.5580, 25.7260)
contains.

YIQ(97.0520, 12.5580, 25.7260)	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(97.0520, 12.5580,
25.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4D7F
RGB	125, 77, 127
RGB Percent	49%, 30%, 50%
CMY	0.5097, 0.6981, 0.5019
CMYK	0.02, 0.39, 0.00, 0.50
HSL	298°, 25%, 40%
HSV	298°, 39%, 50%
XYZ	14.9463, 11.2001, 21.4537
YIQ	97.0520, 12.5580, 25.7260

Conversions

Conversions Part 2

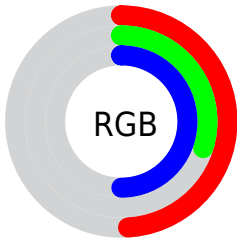
Format	Color
R_{YB}	125, 77, 127
Decimal	8211839
CIE _{Lab}	39.92, 28.86, -19.97
CIE _{LCh}	40, 35.101, 325.316
Yxy	11.2001, 0.3140, 0.2353
Android (android.graphics.Color)	4286401919 (0xFF7D4D7F)
YUV	97.0520, 14.7644, 24.5104
Hunter-Lab	33.4665, 21.1523, -14.5813

Details

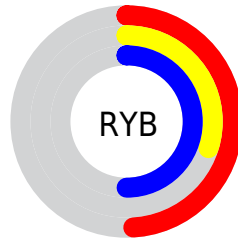
The YIQ color **97.0520, 12.5580, 25.7260** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **106.9480, -12.5580, -25.7260**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5900, 13.9790, 27.5070**, and **48.9270, 11.4120, 24.4680** is the 20% darker color. If you saturate the color by 10%, you get **89.4210, 16.1330, 32.5250**, and if you desaturate by 10%, it is **104.9820, 9.5790, 19.1390**.

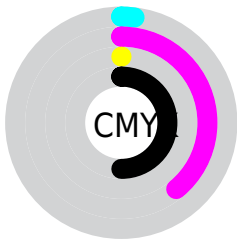
Distribution



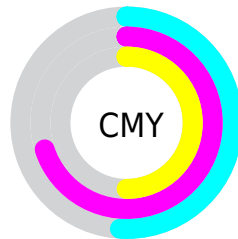
- Red (49%)
- Green (30%)
- Blue (50%)



- Red (49%)
- Yellow (30%)
- Blue (50%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.0520, 12.5580, 25.7260 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 97.0520, 12.5580, 25.7260 by changing the saturation by 10% instead.

■ 97.0520, 12.5580,
25.7260

■ 97.0520, 12.5580,
25.7260

■ 255.0000, -0.0000,
-0.0000

■ 72.3400, 11.6870,
24.9910

■ 148.5900, 13.9790,
27.5070

■ 48.9270, 11.4120,
24.4680

■ 175.1170, 13.9330,
28.3410

■ 25.6280, 10.8160,
24.2560

■ 202.8290, 14.8040,
29.0760

■ 13.7430, 8.7540,
17.5700

■ 227.4110, 12.9250,
24.5810

■ 0.6840, -1.9260,
1.8660

■ 244.4340, 4.9500,
9.4140

■ 0.0000, 0.0000,
0.0000

97.0520, 12.5580,
25.7260

97.0520, 12.5580,
25.7260

89.4210, 16.1330,
32.5250

104.9820, 9.5790,
19.1390

82.0780, 18.8370,
38.5890

112.0260, 6.2790,
12.8630

74.4470, 22.4120,
45.3880

119.9560, 3.3000,
6.2760

66.5170, 25.3910,
51.9750

127.5870, -0.2750,
-0.5230

58.8860, 28.9660,
58.7740

134.9300, -2.9790,
-6.5870

51.5430, 31.6700,
64.8380


142.5610, -6.5540,
-13.3860

50.9560, 31.9450,
65.3610

150.4910, -9.5330,
-19.9730

158.1220,

-13.1080, -26.7720

 165.4650,
-15.8120, -32.8360

Harmonies

Analogous

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



94.6120, -18.6180, 18.0380



97.0520, 12.5580, 25.7260



95.5460, 34.4740, 25.0180

Triad

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



97.0520, 12.5580, 25.7260



91.4930, 31.6840, -12.5400



76.8480, -67.5780, -19.7860

Complementary

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



97.0520, 12.5580, 25.7260



106.9480, -12.5580, -25.7260

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.



73.4280, -57.9480, -29.1160



97.0520, 12.5580, 25.7260



88.9740, 10.9160, -21.6280

Square

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



97.0520, 12.5580, 25.7260



93.0960, 43.6480, 1.9200



83.7240, -17.7390, -25.4430



77.7090, -74.1360, -11.0640

Rectangle

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



97.0520, 12.5580, 25.7260



94.4620, 43.2780, 19.6460



83.7240, -17.7390, -25.4430



75.7080, -64.3680, -22.8960

Sweetspot

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



97.0520, 12.5580, 25.7260



153.9610, 4.9040, 10.2480



83.8740, -16.6000, 14.5040



76.9560, 3.3000, 6.2760



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



97.0520, 12.5580, 25.7260



119.3170, 19.6620, 40.1580



95.0280, 21.1330, 18.9970



59.5920, 1.3290, 3.4490



51.0700, 31.6240, 65.6720



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.1780, 29.1580, 11.2220



111.6640, 45.5250, 17.4690



108.8580, -20.8120, -19.3080



59.2070, 3.8510, 1.7950



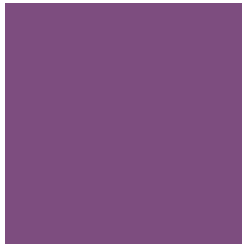
38.8420, 74.6830, 28.6910



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 97.0520, 12.5580, 25.7260 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 97.0520, 12.5580, 25.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

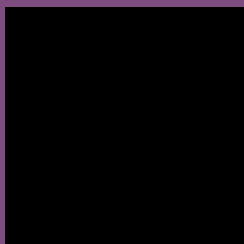
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.0520, 12.5580, 25.7260

Background



This preview shows how black text looks on a background with the YIQ color 97.0520, 12.5580, 25.7260.



This preview shows how white text looks on a background with the YIQ color 97.0520, 12.5580,

25.7260.

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

97.0520, 12.5580, 25.7260

Protanopia

94.1720, -23.4310, 11.6490

Deuteranopia

95.0390, -12.9310, 8.5810



Tritanopia

96.1490, 18.9340, 9.2860

Trichromacy



Original Color

97.0520, 12.5580, 25.7260

Protanomaly

95.1630, -10.0440, 16.8360

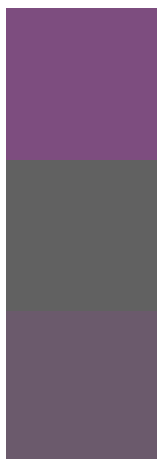
Deuteranomaly

95.5180, -3.8540, 14.7860

Tritanomaly

96.4680, 16.7780, 15.3220

Monochromacy



Original Color

97.0520, 12.5580, 25.7260

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1350, 4.3540, 9.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.0520, 12.5580, 25.7260 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(125, 77, 127)` looks like.

```
.text, #text, p{  
    color:rgb(125, 77, 127)  
}
```

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(125, 77, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 77, 127) }
```

Border

The CSS property to change the border of an element to YIQ 97.0520, 12.5580, 25.7260 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(125, 77, 127) }
```


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

```
.border{ border-color:rgb(125, 77, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 77, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 77, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 77, 127);  
box-shadow:4px 4px 4px 4px rgb(125, 77,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 97.0520, 12.5580, 25.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 77, 127) }
```

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

```
.background{ background-color: rgb(125, 77,  
127) }
```

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