

# Converting Colors

YIQ(173.1040, 51.4790, 52.7510)

Have a look what the booklet for  
YIQ(173.1040, 51.4790, 52.7510)  
contains.

<b>YIQ(173.1040, 51.4790, 52.7510)</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(173.1040, 51.4790,  
52.7510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7DCE
RGB	255, 125, 206
RGB Percent	100%, 49%, 81%
CMY	0.0000, 0.5100, 0.1920
CMYK	0.00, 0.51, 0.19, 0.00
HSL	323°, 100%, 74%
HSV	323°, 51%, 100%
XYZ	59.7117, 40.3714, 63.0608
YIQ	173.1040, 51.4790, 52.7510

# Conversions

## Conversions Part 2

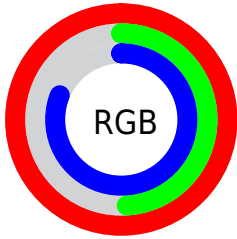
Format	Color
R <sub>Y</sub> B	255, 125, 206
Decimal	16743886
CIE Lab	69.73, 58.69, -18.89
CIE LCh	70, 61.656, 342.155
Yxy	40.3714, 0.3660, 0.2475
Android (android.graphics.Color)	4294933966 (0xFFFF7DCE)
YUV	173.1040, 16.2177, 71.8228
Hunter-Lab	63.5385, 56.5568, -14.3673

# Details

The YIQ color **173.1040, 51.4790, 52.7510** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **206.8960, -51.4790, -52.7510**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5620, 20.3500, 38.7020**, and **116.4350, 49.0490, 52.7370** is the 20% darker color. If you saturate the color by 10%, you get **156.7020, 61.8390, 63.2390**, and if you desaturate by 10%, it is **188.9190, 41.3940, 42.7860**.

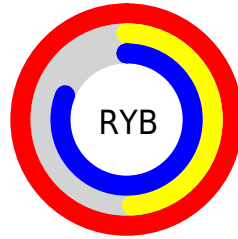
# Distribution



Red (100%)

Green (49%)

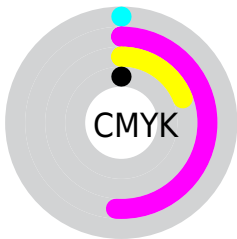
Blue (81%)



Red (100%)

Yellow (49%)

Blue (81%)

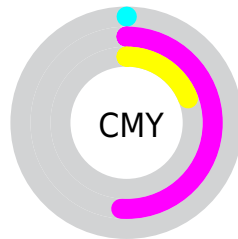


Cyan (0%)

Magenta (51%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 173.1040, 51.4790, 52.7510 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 173.1040, 51.4790, 52.7510 by changing the saturation by 10% instead.




 173.1040, 51.4790,  
52.7510


 173.1040, 51.4790,  
52.7510


255.0000, -0.0000,  
-0.0000


 144.5060, 50.2870,  
52.3270


 211.5620, 20.3500,  
38.7020


 116.4350, 49.0490,  
52.7370


 228.5850, 12.3750,  
23.5350

 87.1900, 48.3610,  
54.1930

 245.6080, 4.4000,  
8.3680

 52.7760, 49.8270,  
60.6670

 41.5540, 41.1640,  
46.9560

 30.9730, 32.1340,  
34.3900

 21.4030, 24.5710,

22.7710

■ 8.5290, 14.8080,  
6.9680

■ 0.0000, 0.0000,  
0.0000

■ 173.1040, 51.4790,  
52.7510

■ 173.1040, 51.4790,  
52.7510

■ 156.7020, 61.8390,  
63.2390

■ 188.9190, 41.3940,  
42.7860

■ 141.0010, 71.6030,  
73.5150

■ 205.2070, 31.3550,  
31.9870

■ 124.5990, 81.9630,  
84.0030

■ 221.0220, 21.2700,  
22.0220

■ 108.8980, 91.7270,  
94.2790

■ 237.3100, 11.2310,  
11.2230

■ 94.3710, 100.9410,  
103.5090

■ 253.1250, 1.1460,  
1.2580

255.0000, -0.0000,  
-0.0000

# Harmonies

## Analogous

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



175.3550, -0.6960, 45.6720



173.1040, 51.4790, 52.7510



163.1980, 71.1050, 38.4730

# Triad

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



173.1040, 51.4790, 52.7510



162.0600, 42.1880, -37.7160



142.2810, -131.9490, -26.1010

# Complementary

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



173.1040, 51.4790, 52.7510



206.8960, -51.4790, -52.7510

# 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.



138.1140, -116.0820, -43.8420



173.1040, 51.4790, 52.7510



154.8010, -8.6110, -47.7070

# Square

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



173.1040, 51.4790, 52.7510



165.8830, 74.3240, -14.3800



129.7410, -96.6390, -60.3110



138.2520, -133.0050, -17.9730



# Rectangle

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



173.1040, 51.4790, 52.7510



163.7900, 80.4610, 23.0930



129.7410, -96.6390, -60.3110



141.0440, -127.0880, -31.6000

# Sweetspot

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



173.1040, 51.4790, 52.7510



231.0980, 14.9440, 15.5200



154.1720, -13.1220, 50.6060



113.4730, 9.2140, 9.2300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



173.1040, 51.4790, 52.7510



156.7020, 61.8390, 63.2390



165.8080, 72.0230, 32.8470



119.7990, 5.1800, 5.2440



70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080



# Inverse Universe

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



173.1040, 51.4790, 52.7510



156.7020, 61.8390, 63.2390



214.1920, -72.0230, -32.8470



119.7990, 5.1800, 5.2440



70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080



# Previews

## White Background



This preview shows how the YIQ color 173.1040, 51.4790, 52.7510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

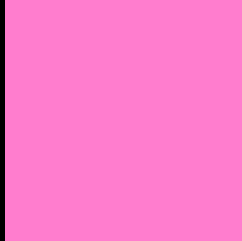
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 173.1040, 51.4790, 52.7510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

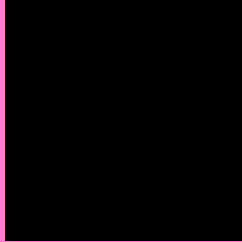
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 173.1040, 51.4790, 52.7510

## Background



This preview shows how black text looks on a background with the YIQ color 173.1040, 51.4790, 52.7510.



This preview shows how white text looks on a background with the YIQ color 173.1040, 51.4790,



# 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

173.1040, 51.4790, 52.7510

### Protanopia

170.4840, -32.8770, 17.6430

### Deuteranopia

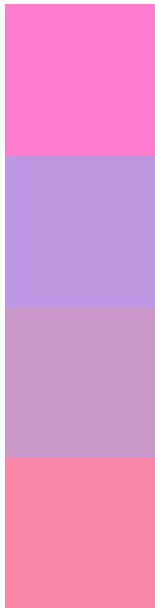
172.7410, -6.1000, 11.4360



## Tritanopia

171.6280, 63.5420, 26.8540

# Trichromacy



## Original Color

173.1040, 51.4790, 52.7510

## Protanomaly

171.2000, -2.2980, 30.6460

## Deuteranomaly

172.9490, 14.3460, 26.3620

## Tritanomaly

172.2720, 59.0930, 35.9010

# Monochromacy



## Original Color

173.1040, 51.4790, 52.7510

## Achromatopsia

173.0000, -0.0000, 0.0000

## Achromatomaly

173.3590, 18.7030, 18.9830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 173.1040, 51.4790, 52.7510 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(255, 125, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 206)  
}
```

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(255, 125, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 206) }
```

## Border

The CSS property to change the border of an element to YIQ 173.1040, 51.4790, 52.7510 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(255, 125, 206) }
```



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

```
.border{ border-color:rgb(255, 125, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
206) }
```

# Background

The CSS property to change the background color of an element to YIQ 173.1040, 51.4790, 52.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 206) }
```

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

```
.background{ background-color: rgb(255,  
125, 206) }
```

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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