

Converting Colors

YIQ(147.7730, 17.2370, 12.5090)

Have a look what the booklet for
YIQ(147.7730, 17.2370, 12.5090)
contains.

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Color

**YIQ(147.7730, 17.2370,
12.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8796
RGB	172, 135, 150
RGB Percent	67%, 53%, 59%
CMY	0.3254, 0.4706, 0.4117
CMYK	0.00, 0.22, 0.13, 0.33
HSL	336°, 18%, 60%
HSV	336°, 22%, 67%
XYZ	31.1867, 28.2996, 32.6789
YIQ	147.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

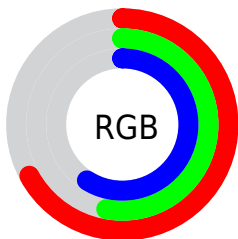
Format	Color
RYB	172, 135, 150
Decimal	11306902
CIELab	60.16, 16.59, -2.60
CIELCh	60, 16.796, 351.102
Yxy	28.2996, 0.3384, 0.3071
Android (android.graphics.Color)	4289496982 (0xFFAC8796)
YUV	147.7730, 1.0979, 21.2471
Hunter-Lab	53.1973, 11.5495, 0.8165

Details

The YIQ color **147.7730, 17.2370, 12.5090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159.2270, -17.2370, -12.5090**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7840, 18.7040, 13.4560**, and **96.7620, 15.7700, 11.5620** is the 20% darker color. If you saturate the color by 10%, you get **136.6540, 25.1220, 18.2900**, and if you desaturate by 10%, it is **158.8920, 9.3520, 6.7280**.

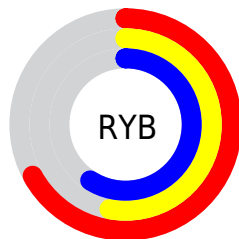
Distribution



Red (67%)

Green (53%)

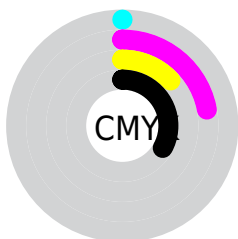
Blue (59%)



Red (67%)

Yellow (53%)

Blue (59%)

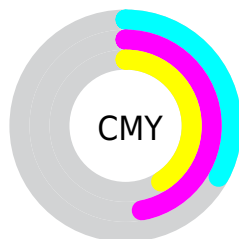


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.7730, 17.2370, 12.5090 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 147.7730, 17.2370, 12.5090 by changing the saturation by 10% instead.


 147.7730, 17.2370,
12.5090


 147.7730, 17.2370,
12.5090

255.0000, -0.0000,
-0.0000


 122.0610, 16.3660,
11.7740


 201.7840, 18.7040,
13.4560


 96.7620, 15.7700,
11.5620


 229.4850, 18.1080,
13.2440

 73.0500, 14.8990,
10.8270

 249.1300, 2.7500,
5.2300

 49.8650, 13.9820,
10.9260

 28.2670, 12.7900,
10.5020

 9.5830, 14.7160,
8.6360

 0.0000, 0.0000,

0.0000

■ 147.7730, 17.2370,
12.5090

■ 147.7730, 17.2370,
12.5090

■ 136.6540, 25.1220,
18.2900

■ 158.8920, 9.3520,
6.7280

■ 125.5350, 33.0070,
24.0710

■ 170.0110, 1.4670,
0.9470

■ 113.7150, 41.4880,
30.0640

■ 181.8310, -7.0140,
-5.0460

■ 102.5960, 49.3730,
35.8450

■ 192.9500,
-14.8990, -10.8270

■ 91.4770, 57.2580,
41.6260

■ 204.0690,
-22.7840, -16.6080

■ 80.3580, 65.1430,
47.4070

■ 215.1880,
-30.6690, -22.3890

■ 69.1250, 73.3490,
52.8770

■ 226.4210,
-38.8750, -27.8590

■ 59.4080, 80.0420,
58.2340

■ 227.5610,
-42.0850, -24.7490

■ 228.7010,
-45.2950, -21.6390

Harmonies

Analogous

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



147.5420, 4.7660, 12.7500



147.7730, 17.2370, 12.5090



147.2590, 24.4360, 8.6920

Triad

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



147.7730, 17.2370, 12.5090



142.9820, 8.4380, -9.7540



139.9670, -30.7640, -4.1400

Complementary

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



147.7730, 17.2370, 12.5090



159.2270, -17.2370, -12.5090

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.



138.8760, -29.2500, -9.5540



147.7730, 17.2370, 12.5090



141.2730, -5.6830, -12.6510

Square

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



147.7730, 17.2370, 12.5090



144.7170, 19.6700, -4.0580



139.5580, -19.6670, -12.5230



143.4890, -23.2460, 2.7860

Rectangle

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



147.7730, 17.2370, 12.5090



146.8090, 25.5830, 4.4230



139.5580, -19.6670, -12.5230



139.6140, -31.2680, -6.0200

Sweetspot

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



147.7730, 17.2370, 12.5090



215.4570, 6.1430, 4.3110



145.7960, 1.2350, 16.1710



106.8480, 3.4840, 2.9400



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



147.7730, 17.2370, 12.5090



186.0780, 26.8640, 19.7600



147.8240, 21.2270, 6.2750



81.1470, 4.0800, 3.1520



51.8040, 69.8190, 50.7710



7.9030, 10.8190, 7.6750

Inverse Universe

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



147.7730, 17.2370, 12.5090



186.0780, 26.8640, 19.7600



159.1760, -21.2270, -6.2750



81.1470, 4.0800, 3.1520



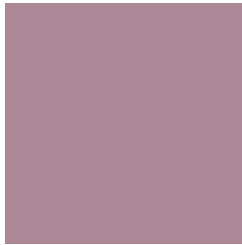
51.8040, 69.8190, 50.7710



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 147.7730, 17.2370, 12.5090 looks on a white background.

Color Contrast Check

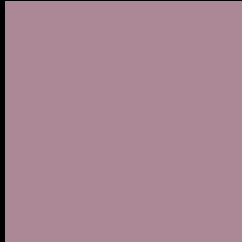
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 147.7730, 17.2370, 12.5090 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 × Fail

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

YIQ 147.7730, 17.2370, 12.5090

Background



This preview shows how black text looks on a background with the YIQ color 147.7730, 17.2370, 12.5090.



This preview shows how white text looks on a background with the YIQ color 147.7730, 17.2370,

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

147.7730, 17.2370, 12.5090

Protanopia

145.6670, -3.2560, 3.9440

Deuteranopia

146.9950, 7.5640, 6.0920



Tritanopia

147.9040, 18.2460, 10.7420

Trichromacy



Original Color

147.7730, 17.2370, 12.5090

Protanomaly

146.6680, 4.1710, 7.0110

Deuteranomaly

147.3160, 11.0940, 8.1980

Tritanomaly

148.0180, 17.9250, 11.0530

Monochromacy



Original Color

147.7730, 17.2370, 12.5090

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7730, 17.2370, 12.5090 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(172, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 135, 150)  
}
```

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(172, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 135, 150) }
```

Border

The CSS property to change the border of an element to YIQ 147.7730, 17.2370, 12.5090 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(172, 135, 150) }
```


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

```
.border{ border-color:rgb(172, 135, 150) }
```

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

Here you see how a box with a 4 pixel rgb(172, 135, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 135,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7730, 17.2370, 12.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 135, 150) }
```

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

```
.background{ background-color: rgb(172,  
135, 150) }
```

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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