

Converting Colors

YIQ(172.8380, -7.7510, 13.8250)

Have a look what the booklet for
YIQ(172.8380, -7.7510, 13.8250)
contains.

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Color

**YIQ(172.8380, -7.7510,
13.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6CD
RGB	174, 166, 205
RGB Percent	68%, 65%, 80%
CMY	0.3176, 0.3490, 0.1961
CMYK	0.15, 0.19, 0.00, 0.20
HSL	252°, 28%, 73%
HSV	252°, 19%, 80%
XYZ	42.1112, 40.6782, 63.3799
YIQ	172.8380, -7.7510, 13.8250

Conversions

Conversions Part 2

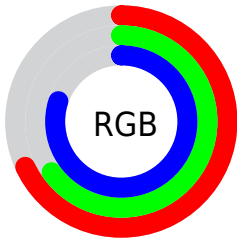
Format	Color
RYB	174, 166, 205
Decimal	11445965
CIELab	69.95, 10.70, -18.80
CIELCh	70, 21.633, 299.644
Yxy	40.6782, 0.2881, 0.2783
Android (android.graphics.Color)	4289636045 (0xFFAEA6CD)
YUV	172.8380, 15.8559, 1.0191
Hunter-Lab	63.7795, 6.2428, -14.2730

Details

The YIQ color $172.8380, -7.7510, 13.8250$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.1620, 7.7510, -13.8250$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5670, -5.5500, 12.4820$, and $120.3110, -7.7050, 12.9910$ is the 20% darker color. If you saturate the color by 10%, you get $156.3140, -11.7870, 20.8930$, and if you desaturate by 10%, it is $189.3620, -3.7150, 6.7570$.

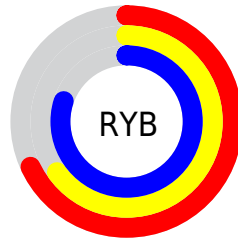
Distribution



Red (68%)

Green (65%)

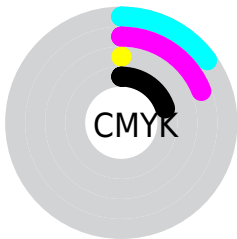
Blue (80%)



Red (68%)

Yellow (65%)

Blue (80%)

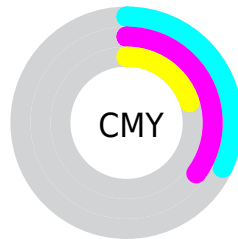


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8380, -7.7510, 13.8250 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 172.8380, -7.7510, 13.8250 by changing the saturation by 10% instead.

■ 172.8380, -7.7510,
13.8250

■ 172.8380, -7.7510,
13.8250

■ 255.0000, -0.0000,
-0.0000

■ 146.3110, -7.7050,
12.9910

■ 227.5670, -5.5500,
12.4820

■ 120.3110, -7.7050,
12.9910

■ 252.0650, 1.3750,
2.6150

■ 95.7840, -7.6590,
12.1570

■ 71.6700, -7.3380,
11.8460

■ 49.1430, -7.2920,
11.0120

■ 28.2030, -7.5210,
9.6550

■ 5.1430, -7.2920,

11.0120

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 172.8380, -7.7510,
13.8250

■ 172.8380, -7.7510,
13.8250

■ 156.3140,
-11.7870, 20.8930

■ 189.3620, -3.7150,
6.7570

■ 138.9040,
-16.1440, 28.2720

■ 206.7720, 0.6420,
-0.6220

■ 122.3800,
-20.1800, 35.3400

■ 223.2960, 4.6780,
-7.6900

■ 105.2690,
-23.9410, 42.9310

■ 240.4070, 8.4390,
-15.2810

■ 88.7450, -27.9770,
49.9990

■ 249.3000, 16.0500,
-15.5500

■ 71.3350, -32.3340,
57.3780

■ 54.8110, -36.3700,
64.4460

■ 37.7000, -40.1310,
72.0370

■ 35.9280, -40.7730,
72.6590

Harmonies

Analogous

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



169.4440, -27.3730, 5.9950



172.8380, -7.7510, 13.8250



174.2980, 11.5050, 17.2730

Triad

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



172.8380, -7.7510, 13.8250



172.1100, 31.8650, 0.7050



163.2900, -30.7160, -16.0280

Complementary

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



172.8380, -7.7510, 13.8250



198.1620, 7.7510, -13.8250

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.



165.3320, -13.3390, -17.0750



172.8380, -7.7510, 13.8250



170.4520, 21.7340, -8.4260

Square

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



172.8380, -7.7510, 13.8250



173.1630, 33.5140, 9.3700



168.2650, 5.9630, -14.4610



163.1780, -41.9040, -11.5040

Rectangle

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



172.8380, -7.7510, 13.8250



174.7460, 21.8670, 16.7070



168.2650, 5.9630, -14.4610



163.9870, -25.4890, -17.1450

Sweetspot

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



172.8380, -7.7510, 13.8250



242.6070, -3.0270, 5.3010



188.6430, -21.0440, -4.0840



120.3250, -2.2930, 3.0110



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.



172.8380, -7.7510, 13.8250



206.3140, -11.7870, 20.8930



178.5190, 3.5730, 17.8530



93.7380, -2.0180, 3.5340



29.0900, -33.0220, 58.8340



6.7240, -7.4300, 13.5140

Inverse Universe

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



181.1950, 13.2930, 17.9090



218.9990, 20.0770, 27.1250



192.4810, -3.5730, -17.8530



95.9020, 3.3920, 4.6080



64.6820, 56.5640, 76.2440



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 172.8380, -7.7510, 13.8250 looks on a white background.

Color Contrast Check

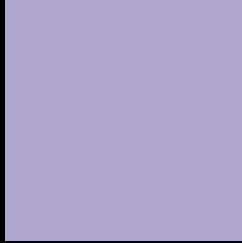
Large Text (above 18pt) WCAG AA × Fail

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 172.8380, -7.7510, 13.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

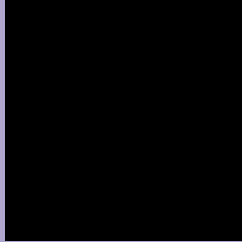
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.8380, -7.7510, 13.8250

Background



This preview shows how black text looks on a background with the YIQ color 172.8380, -7.7510, 13.8250.



This preview shows how white text looks on a background with the YIQ color 172.8380, -7.7510,

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

172.8380, -7.7510, 13.8250

Protanopia

171.5380, -15.7740, 10.5460

Deuteranopia

172.5280, -9.8140, 12.6660



Tritanopia

171.4820, -4.1730, 4.0430

Trichromacy



Original Color

172.8380, -7.7510, 13.8250

Protanomaly

172.0330, -12.7940, 11.6060

Deuteranomaly

172.8270, -9.2180, 12.8780

Tritanomaly

172.1060, -5.8700, 7.2660

Monochromacy



Original Color

172.8380, -7.7510, 13.8250

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.6070, -3.0270, 5.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8380, -7.7510, 13.8250 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(174, 166, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 205)  
}
```

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(174, 166, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 205) }
```

Border

The CSS property to change the border of an element to YIQ 172.8380, -7.7510, 13.8250 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(174, 166, 205) }
```


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

```
.border{ border-color:rgb(174, 166, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8380, -7.7510, 13.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 205) }
```

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

```
.background{ background-color: rgb(174,  
166, 205) }
```

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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