

Converting Colors

YIQ(168.2980, 2.3370, 7.2090)

Have a look what the booklet for
YIQ(168.2980, 2.3370, 7.2090)
contains.

YIQ(168.2980, 2.3370, 7.2090)	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(168.2980, 2.3370,
7.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA3B2
RGB	175, 163, 178
RGB Percent	69%, 64%, 70%
CMY	0.3137, 0.3608, 0.3020
CMYK	0.02, 0.08, 0.00, 0.30
HSL	288°, 9%, 67%
HSV	288°, 8%, 70%
XYZ	38.8135, 38.5220, 47.5090
YIQ	168.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

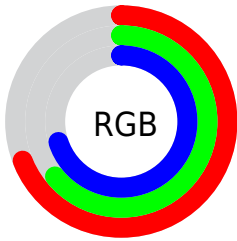
Format	Color
RYB	175, 163, 178
Decimal	11510706
CIELab	68.40, 7.14, -6.17
CIELCh	68, 9.440, 319.180
Yxy	38.5220, 0.3109, 0.3086
Android (android.graphics.Color)	4289700786 (0xFFAFA3B2)
YUV	168.2980, 4.7831, 5.8777
Hunter-Lab	62.0661, 3.0106, -1.9377

Details

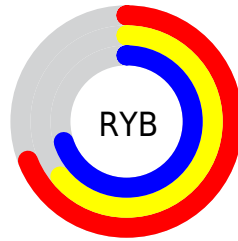
The YIQ color $168.2980, 2.3370, 7.2090$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $172.7020, -2.3370, -7.2090$, and the grayscale version is $168.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.7110, 2.6120, 7.7320$, and $116.1840, 2.6580, 6.8980$ is the 20% darker color. If you saturate the color by 10%, you get $156.5360, 4.9030, 15.7750$, and if you desaturate by 10%, it is $180.0600, -0.2290, -1.3570$.

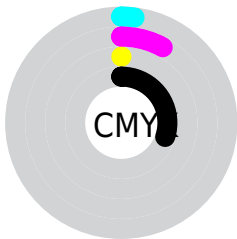
Distribution



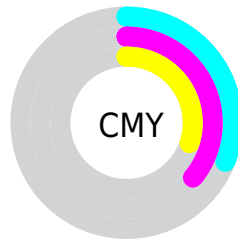
- Red (69%)
- Green (64%)
- Blue (70%)



- Red (69%)
- Yellow (64%)
- Blue (70%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2980, 2.3370, 7.2090 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 168.2980, 2.3370, 7.2090 by changing the saturation by 10% instead.

■ 168.2980, 2.3370,
7.2090

■ 168.2980, 2.3370,
7.2090

255.0000, -0.0000,
-0.0000

■ 141.8850, 2.0620,
6.6860

■ 223.7110, 2.6120,
7.7320

■ 116.1840, 2.6580,
6.8980

■ 249.7170, 2.4750,
4.7070

■ 91.7710, 2.3830,
6.3750

■ 68.4720, 1.7870,
6.1630

■ 46.0590, 1.5120,
5.6400

■ 25.0590, 1.5120,
5.6400

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 168.2980, 2.3370,
7.2090

■ 168.2980, 2.3370,
7.2090

■ 156.5360, 4.9030,
15.7750

■ 180.0600, -0.2290,
-1.3570

■ 145.0730, 8.0650,
24.5530

■ 191.5230, -3.3910,
-10.1350

■ 133.8980, 10.3560,
32.5960

■ 202.6980, -5.6820,
-18.1780

■ 122.4350, 13.5180,
41.3740

■ 214.1610, -8.8440,
-26.9560

■ 110.6730, 16.0840,
49.9400

■ 225.9230,
-11.4100, -35.5220

■ 99.2100, 19.2460,
58.7180

■ 228.5810,
-10.4470, -36.4550

■ 87.4480, 21.8120,
67.2840

■ 229.7770, -8.0630,
-35.6070

■ 76.5720, 24.6990,
75.5390

■ 230.6740, -6.2750,
-34.9710

■ 64.8100, 27.2650,
84.1050

■ 231.8700, -3.8910,
-34.1230

Harmonies

Analogous

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



167.6390, -6.0530, 5.0750



168.2980, 2.3370, 7.2090



168.3050, 9.6270, 7.2510

Triad

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



168.2980, 2.3370, 7.2090



166.8780, 11.9670, -2.1210



164.2260, -15.4960, -5.5120

Complementary

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



168.2980, 2.3370, 7.2090



172.7020, -2.3370, -7.2090

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.



164.3960, -10.2230, -7.4630



168.2980, 2.3370, 7.2090



166.0620, 5.4570, -5.2870

Square

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



168.2980, 2.3370, 7.2090



167.9540, 14.8090, 1.4410



164.7020, -2.3370, -7.2090



164.7360, -16.8720, -2.6000

Rectangle

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



168.2980, 2.3370, 7.2090



168.5180, 13.3410, 6.0210



164.7020, -2.3370, -7.2090



164.1830, -13.9370, -6.2330

Sweetspot

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



168.2980, 2.3370, 7.2090



227.5920, 1.3290, 3.4490



166.4710, -5.6400, 3.0960



114.3530, 0.5040, 1.8800



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



168.2980, 2.3370, 7.2090



217.0040, 3.3450, 10.9690



168.7390, 5.4090, 6.6010



83.1190, 1.2830, 4.2830



54.2190, 24.1950, 73.6590



8.9440, 3.5740, 12.3260

Inverse Universe

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



167.8270, 7.9770, 4.1130



216.3330, 12.4240, 6.1200



172.2610, -5.4090, -6.6010



82.9190, 4.7220, 2.5300



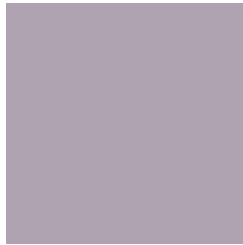
49.1670, 81.5580, 41.7660



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 168.2980, 2.3370, 7.2090 looks on a white background.

Color Contrast Check

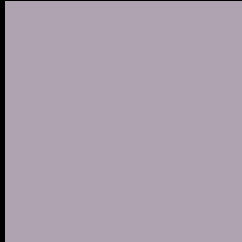
Large Text (above 18pt) WCAG AA × Fail

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 168.2980, 2.3370, 7.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

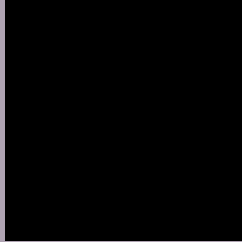
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.2980, 2.3370, 7.2090

Background



This preview shows how black text looks on a background with the YIQ color 168.2980, 2.3370, 7.2090.



This preview shows how white text looks on a background with the YIQ color 168.2980, 2.3370,

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

168.2980, 2.3370, 7.2090

Protanopia

167.5960, -4.4940, 4.3540

Deuteranopia

168.6080, 4.4000, 8.3680



Tritanopia

168.0700, 2.9790, 6.5870

Trichromacy



Original Color

168.2980, 2.3370, 7.2090

Protanomaly

167.7920, -2.1100, 5.2020

Deuteranomaly

168.3090, 3.8040, 8.1560

Tritanomaly

168.1840, 2.6580, 6.8980

Monochromacy



Original Color

168.2980, 2.3370, 7.2090

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2980, 2.3370, 7.2090 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(175, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 178)  
}
```

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(175, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 178) }
```

Border

The CSS property to change the border of an element to YIQ 168.2980, 2.3370, 7.2090 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(175, 163, 178) }
```


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

```
.border{ border-color:rgb(175, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2980, 2.3370, 7.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 178) }
```

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

```
.background{ background-color: rgb(175,  
163, 178) }
```

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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