

Converting Colors

YIQ(172.1240, 2.8870, 8.2550)

Have a look what the booklet for
YIQ(172.1240, 2.8870, 8.2550)
contains.

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Color

**YIQ(172.1240, 2.8870,
8.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A6B7
RGB	180, 166, 183
RGB Percent	71%, 65%, 72%
CMY	0.2941, 0.3490, 0.2824
CMYK	0.02, 0.09, 0.00, 0.28
HSL	289°, 11%, 68%
HSV	289°, 9%, 72%
XYZ	41.0074, 40.3938, 50.4350
YIQ	172.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

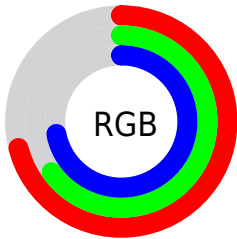
Format	Color
RYB	180, 166, 183
Decimal	11839159
CIELab	69.75, 8.21, -6.90
CIElCh	70, 10.723, 319.927
Yxy	40.3938, 0.3110, 0.3064
Android (android.graphics.Color)	4290029239 (0xFFB4A6B7)
YUV	172.1240, 5.3619, 6.9073
Hunter-Lab	63.5561, 3.9476, -2.5603

Details

The YIQ color $172.1240, 2.8870, 8.2550$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $176.8760, -2.8870, -8.2550$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.5370, 3.1620, 8.7780$, and $119.7110, 2.6120, 7.7320$ is the 20% darker color. If you saturate the color by 10%, you get $160.6610, 6.0490, 17.0330$, and if you desaturate by 10%, it is $183.5870, -0.2750, -0.5230$.

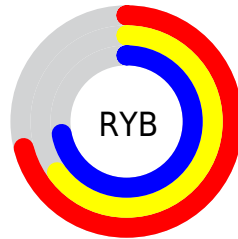
Distribution



Red (71%)

Green (65%)

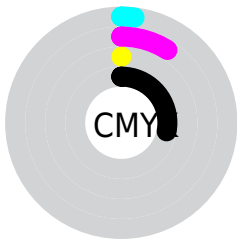
Blue (72%)



Red (71%)

Yellow (65%)

Blue (72%)

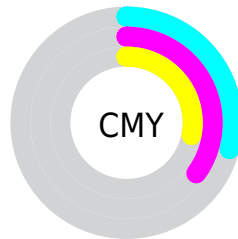


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1240, 2.8870, 8.2550 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 172.1240, 2.8870, 8.2550 by changing the saturation by 10% instead.

■ 172.1240, 2.8870,
8.2550

■ 172.1240, 2.8870,
8.2550

255.0000, -0.0000,
-0.0000

■ 145.7110, 2.6120,
7.7320

■ 227.5370, 3.1620,
8.7780

■ 119.7110, 2.6120,
7.7320

■ 252.0650, 1.3750,
2.6150

■ 95.2980, 2.3370,
7.2090

■ 71.2980, 2.3370,
7.2090

■ 48.8850, 2.0620,
6.6860

■ 27.7710, 2.3830,
6.3750

■ 4.9990, 1.7410,

6.9970

0.0000, 0.0000,
0.0000

172.1240, 2.8870,
8.2550

172.1240, 2.8870,
8.2550

160.6610, 6.0490,
17.0330

183.5870, -0.2750,
-0.5230

148.6110, 9.4860,
26.3340

195.6370, -3.7120,
-9.8240

136.8490, 12.0520,
34.9000

207.3990, -6.2780,
-18.3900

125.3860, 15.2140,
43.6780

218.8620, -9.4400,
-27.1680

113.3360, 18.6510,
52.9790

229.1510,
-12.0520, -34.9000

■ 101.8730, 21.8130,
61.7570

■ 230.0480,
-10.2640, -34.2640

■ 90.1110, 24.3790,
70.3230

■ 231.2440, -7.8800,
-33.4160

■ 78.6480, 27.5410,
79.1010

■ 232.1410, -6.0920,
-32.7800

■ 66.5980, 30.9780,
88.4020

■ 233.0380, -4.3040,
-32.1440

Harmonies

Analogous

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



170.9810, -7.0160, 6.0080



172.1240, 2.8870, 8.2550



172.3160, 11.0940, 8.1980

Triad

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



172.1240, 2.8870, 8.2550



170.8350, 13.5260, -2.8420



167.1440, -18.2010, -6.0490

Complementary

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



172.1240, 2.8870, 8.2550



176.8760, -2.8870, -8.2550

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.



167.4990, -12.0110, -8.0990



172.1240, 2.8870, 8.2550



169.4210, 5.8240, -6.4320

Square

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



172.1240, 2.8870, 8.2550



171.7370, 16.9180, 1.7660



167.9900, -3.2080, -7.9440



168.0670, -19.3020, -2.6140

Rectangle

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



172.1240, 2.8870, 8.2550



172.4150, 15.1290, 6.6570



167.9900, -3.2080, -7.9440



166.9870, -16.3210, -7.0810

Sweetspot

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



172.1240, 2.8870, 8.2550



232.5920, 1.3290, 3.4490



169.6990, -6.2820, 3.7180



116.7660, 0.7790, 2.4030



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



172.1240, 2.8870, 8.2550



220.5420, 4.7660, 12.7500



172.4510, 6.2800, 7.3360



86.1190, 1.2830, 4.2830



56.0560, 26.2120, 75.6520



10.0690, 4.7200, 13.5840

Inverse Universe

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



171.4250, 9.1690, 4.5370



219.3440, 13.8910, 7.0670



176.5490, -6.2800, -7.3360



85.8050, 5.0430, 2.2190



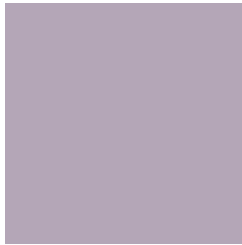
49.7220, 84.3090, 41.4690



8.9420, 15.0830, 7.4910

Previews

White Background



This preview shows how the YIQ color 172.1240, 2.8870, 8.2550 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 172.1240, 2.8870, 8.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

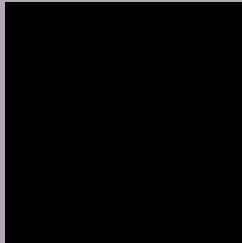
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.1240, 2.8870, 8.2550

Background



This preview shows how black text looks on a background with the YIQ color 172.1240, 2.8870, 8.2550.



This preview shows how white text looks on a background with the YIQ color 172.1240, 2.8870,

8.2550.

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

172.1240, 2.8870, 8.2550

Protanopia

170.8240, -5.1360, 4.9760

Deuteranopia

172.4230, 3.4830, 8.4670



Tritanopia

172.3690, 3.5750, 6.7990

Trichromacy



Original Color

172.1240, 2.8870, 8.2550

Protanomaly

171.3190, -2.1560, 6.0360

Deuteranomaly

172.4230, 3.4830, 8.4670

Tritanomaly

172.4830, 3.2540, 7.1100

Monochromacy



Original Color

172.1240, 2.8870, 8.2550

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1240, 2.8870, 8.2550 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(180, 166, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 183)  
}
```

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(180, 166, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 183) }
```

Border

The CSS property to change the border of an element to YIQ 172.1240, 2.8870, 8.2550 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(180, 166, 183) }
```


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

```
.border{ border-color:rgb(180, 166, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1240, 2.8870, 8.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 183) }
```

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

```
.background{ background-color: rgb(180,  
166, 183) }
```

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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