

Converting Colors

YIQ(172.8750, 8.0220, 8.8060)

Have a look what the booklet for
YIQ(172.8750, 8.0220, 8.8060)
contains.

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Color

**YIQ(172.8750, 8.0220,
8.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA5B3
RGB	186, 165, 179
RGB Percent	73%, 65%, 70%
CMY	0.2705, 0.3530, 0.2980
CMYK	0.00, 0.11, 0.04, 0.27
HSL	320°, 13%, 69%
HSV	320°, 11%, 73%
XYZ	41.8441, 40.6030, 48.2824
YIQ	172.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

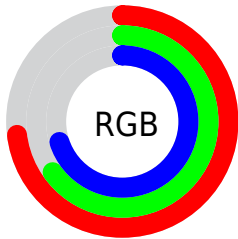
Format	Color
R _Y B	186, 165, 179
Decimal	12232115
CIE Lab	69.90, 10.12, -4.41
CIE LCh	70, 11.042, 336.434
Yxy	40.6030, 0.3201, 0.3106
Android (android.graphics.Color)	4290422195 (0xFFBAA5B3)
YUV	172.8750, 3.0196, 11.5106
Hunter-Lab	63.7205, 5.7070, -0.3210

Details

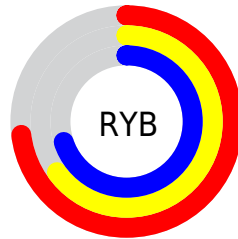
The YIQ color $172.8750, 8.0220, 8.8060$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $178.1250, -8.0220, -8.8060$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.2880, 8.2970, 9.3290$, and $120.4620, 7.7470, 8.2830$ is the 20% darker color. If you saturate the color by 10%, you get $161.0380, 15.1730, 16.8770$, and if you desaturate by 10%, it is $184.7120, 0.8710, 0.7350$.

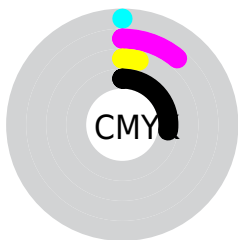
Distribution



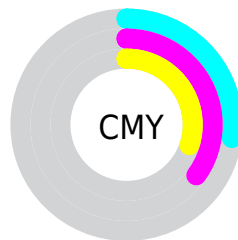
- Red (73%)
- Green (65%)
- Blue (70%)



- Red (73%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8750, 8.0220, 8.8060 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 172.8750, 8.0220, 8.8060 by changing the saturation by 10% instead.

■ 172.8750, 8.0220,
8.8060

■ 172.8750, 8.0220,
8.8060

255.0000, -0.0000,
-0.0000

■ 146.4620, 7.7470,
8.2830

■ 228.2880, 8.2970,
9.3290

■ 120.4620, 7.7470,
8.2830

■ 251.4780, 1.6500,
3.1380

■ 95.7500, 6.8760,
7.5480

■ 71.7500, 6.8760,
7.5480

■ 49.4510, 6.2800,
7.3360

■ 28.0380, 6.0050,
6.8130

■ 6.6360, 7.1970,

7.2370

0.0000, 0.0000,
0.0000

172.8750, 8.0220,
8.8060

172.8750, 8.0220,
8.8060

161.0380, 15.1730,
16.8770

184.7120, 0.8710,
0.7350

149.7880, 22.0490,
24.4250

195.9620, -6.0050,
-6.8130

137.8370, 29.5210,
32.1850

207.9130,
-13.4770, -14.5730

126.5870, 36.3970,
39.7330

219.1630,
-20.3530, -22.1210

114.7500, 43.5480,
47.8040

229.2390,
-26.6790, -28.6230

■ 102.9130, 50.6990,
55.8750

■ 229.9230,
-28.6050, -26.7570

■ 91.6630, 57.5750,
63.4230

■ 230.6070,
-30.5310, -24.8910

■ 79.7120, 65.0470,
71.1830

■ 231.4050,
-32.7780, -22.7140

■ 69.7500, 71.0520,
77.9960

■ 232.0890,
-34.7040, -20.8480

Harmonies

Analogous

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



172.5580, -1.3310, 7.6050



172.8750, 8.0220, 8.8060



172.9420, 15.0830, 7.4910

Triad

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



172.8750, 8.0220, 8.8060



170.5140, 9.9960, -4.9480



167.7140, -19.8060, -4.4940

Complementary

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



172.8750, 8.0220, 8.8060



178.1250, -8.0220, -8.8060

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.



167.5740, -16.5960, -7.6040



172.8750, 8.0220, 8.8060



169.1430, 0.7350, -7.8170

Square

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



172.8750, 8.0220, 8.8060



171.6720, 15.5430, -0.8490



167.8260, -8.6180, -9.0180



169.1320, -17.9270, 0.0010

Rectangle

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



172.8750, 8.0220, 8.8060



172.1440, 17.3300, 5.3140



167.8260, -8.6180, -9.0180



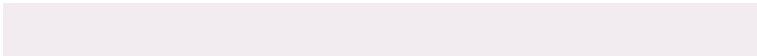
167.9590, -19.1180, -5.9500

Sweetspot

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



172.8750, 8.0220, 8.8060



237.6630, 2.5670, 3.0390



169.4870, -2.5690, 8.0150



119.5380, 1.4210, 1.7810



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



172.8750, 8.0220, 8.8060



220.7880, 12.8810, 14.3610



171.6210, 11.5530, 5.3850



86.3750, 3.4380, 3.7740



58.5000, 59.5920, 65.4160



10.5380, 10.5890, 11.8450

Inverse Universe

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



172.8750, 8.0220, 8.8060



220.7880, 12.8810, 14.3610



179.3790, -11.5530, -5.3850



86.3750, 3.4380, 3.7740



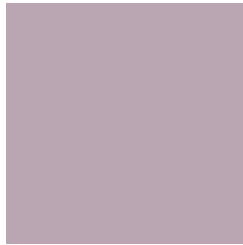
58.5000, 59.5920, 65.4160



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 172.8750, 8.0220, 8.8060 looks on a white background.

Color Contrast Check

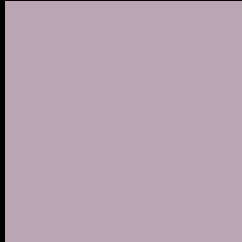
Large Text (above 18pt) WCAG AA × Fail

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 172.8750, 8.0220, 8.8060 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 172.8750, 8.0220, 8.8060

Background



This preview shows how black text looks on a background with the YIQ color 172.8750, 8.0220, 8.8060.



This preview shows how white text looks on a background with the YIQ color 172.8750, 8.0220,

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

172.8750, 8.0220, 8.8060

Protanopia

171.6670, -3.2560, 3.9440

Deuteranopia

172.8640, 6.5550, 7.8590



Tritanopia

172.7610, 8.3430, 8.4950

Trichromacy



Original Color

172.8750, 8.0220, 8.8060

Protanomaly

171.8740, 0.5950, 5.7390

Deuteranomaly

173.1630, 7.1510, 8.0710

Tritanomaly

172.7610, 8.3430, 8.4950

Monochromacy



Original Color

172.8750, 8.0220, 8.8060

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8750, 8.0220, 8.8060 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(186, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 165, 179)  
}
```

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(186, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 165, 179) }
```

Border

The CSS property to change the border of an element to YIQ 172.8750, 8.0220, 8.8060 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(186, 165, 179) }
```


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

```
.border{ border-color:rgb(186, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 165,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8750, 8.0220, 8.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 165, 179) }
```

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

```
.background{ background-color: rgb(186,  
165, 179) }
```

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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