

Converting Colors

YIQ(178.2290, 6.7850, 3.6890)

Have a look what the booklet for
YIQ(178.2290, 6.7850, 3.6890)
contains.

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Color

**YIQ(178.2290, 6.7850,
3.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAEB1
RGB	187, 174, 177
RGB Percent	73%, 68%, 69%
CMY	0.2666, 0.3177, 0.3059
CMYK	0.00, 0.07, 0.05, 0.27
HSL	346°, 9%, 71%
HSV	346°, 7%, 73%
XYZ	43.5670, 44.0104, 47.7969
YIQ	178.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

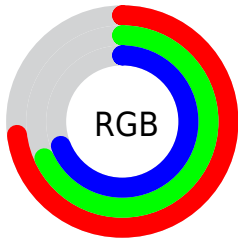
Format	Color
RYB	187, 174, 177
Decimal	12299953
CIELab	72.24, 5.19, 0.13
CIELCh	72, 5.193, 1.437
Yxy	44.0104, 0.3218, 0.3251
Android (android.graphics.Color)	4290490033 (0xFFBBAEB1)
YUV	178.2290, -0.6059, 7.6922
Hunter-Lab	66.3404, 1.1288, 3.7210

Details

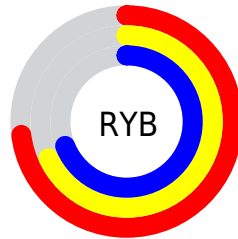
The YIQ color $178.2290, 6.7850, 3.6890$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $182.7710, -6.7850, -3.6890$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.6420, 7.0600, 4.2120$, and $125.8160, 6.5100, 3.1660$ is the 20% darker color. If you saturate the color by 10%, you get $165.4800, 16.5040, 9.2720$, and if you desaturate by 10%, it is $190.9780, -2.9340, -1.8940$.

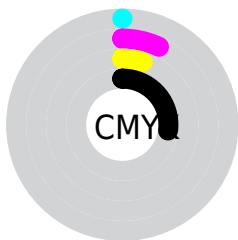
Distribution



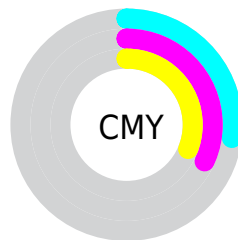
- Red (73%)
- Green (68%)
- Blue (69%)



- Red (73%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.2290, 6.7850, 3.6890 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 178.2290, 6.7850, 3.6890 by changing the saturation by 10% instead.

■ 178.2290, 6.7850,
3.6890

■ 178.2290, 6.7850,
3.6890

255.0000, -0.0000,
-0.0000

■ 151.2290, 6.7850,
3.6890

■ 233.6420, 7.0600,
4.2120

■ 125.8160, 6.5100,
3.1660

■ 100.9300, 6.1890,
3.4770

■ 76.6310, 5.5930,
3.2650

■ 54.2180, 5.3180,
2.7420

■ 32.9190, 4.7220,
2.5300

■ 8.9410, 7.6560,

4.4240

0.0000, 0.0000,
0.0000

178.2290, 6.7850,
3.6890

178.2290, 6.7850,
3.6890

165.4800, 16.5040,
9.2720

190.9780, -2.9340,
-1.8940

153.2040, 26.2690,
14.0210

203.2540,
-12.6990, -6.6430

140.4550, 35.9880,
19.6040

216.0030,
-22.4180, -12.2260

127.7060, 45.7070,
25.1870

228.8660,
-32.4580, -17.4980

114.8430, 55.7470,
30.4590

233.9840,
-38.6020, -16.2820

■ 102.6810, 65.1910,
35.5190

■ 234.6680,
-40.5280, -14.4160

■ 89.8180, 75.2310,
40.7910

■ 77.0690, 84.9500,
46.3740

■ 64.9070, 94.3940,
51.4340

Harmonies

Analogous

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



178.4890, 3.1170, 4.0850



178.2290, 6.7850, 3.6890



177.9580, 8.9860, 2.3460

Triad

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



178.2290, 6.7850, 3.6890



176.3760, 1.6970, -3.2230



176.3950, -8.4820, -0.4660

Complementary

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



178.2290, 6.7850, 3.6890



182.7710, -6.7850, -3.6890

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.



176.0420, -8.9860, -2.3460



178.2290, 6.7850, 3.6890



175.5110, -3.1170, -4.0850

Square

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



178.2290, 6.7850, 3.6890



177.1700, 5.2730, -1.9510



175.7710, -6.7850, -3.6890



176.8300, -5.2730, 1.9510

Rectangle

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



178.2290, 6.7850, 3.6890



177.7190, 8.1610, 0.7770



175.7710, -6.7850, -3.6890



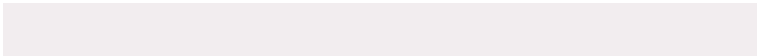
175.9820, -8.7570, -0.9890

Sweetspot

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



178.2290, 6.7850, 3.6890



238.7230, 2.3380, 1.6820



178.4720, 1.7870, 6.1630



120.7120, 0.8710, 0.7350



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.



178.2290, 6.7850, 3.6890



229.1370, 10.0400, 5.2720



179.6480, 6.9230, 1.1870



87.9190, 4.7220, 2.5300



51.4600, 82.2910, 45.0030



10.0670, 16.2290, 8.7490

Inverse Universe

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



178.2290, 6.7850, 3.6890



229.1370, 10.0400, 5.2720



181.3520, -6.9230, -1.1870



87.9190, 4.7220, 2.5300



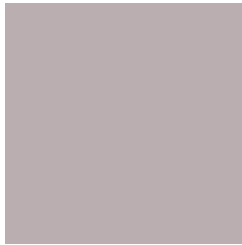
51.4600, 82.2910, 45.0030



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 178.2290, 6.7850, 3.6890 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 178.2290, 6.7850, 3.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

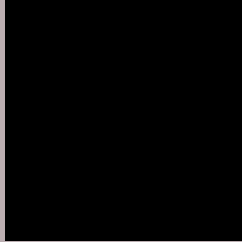
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.2290, 6.7850, 3.6890

Background



This preview shows how black text looks on a background with the YIQ color 178.2290, 6.7850, 3.6890.



This preview shows how white text looks on a background with the YIQ color 178.2290, 6.7850,

3.6890.

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

178.2290, 6.7850, 3.6890

Protanopia

177.4240, 1.7420, 1.4700

Deuteranopia

179.1480, 11.5070, 6.2190



Tritanopia

178.9670, 4.7670, 7.2230

Trichromacy



Original Color

178.2290, 6.7850, 3.6890

Protanomaly

177.7340, 3.8050, 2.6290

Deuteranomaly

178.8380, 9.4440, 5.0600

Tritanomaly

178.6250, 5.7300, 6.2900

Monochromacy



Original Color

178.2290, 6.7850, 3.6890

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.2290, 6.7850, 3.6890 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(187, 174, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 177)  
}
```

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(187, 174, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 177) }
```

Border

The CSS property to change the border of an element to YIQ 178.2290, 6.7850, 3.6890 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(187, 174, 177) }
```


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

```
.border{ border-color:rgb(187, 174, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 174, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 178.2290, 6.7850, 3.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 177) }
```

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

```
.background{ background-color: rgb(187,  
174, 177) }
```

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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