

Converting Colors

YIQ(187.1680, 8.7550, 12.0430)

Have a look what the booklet for
YIQ(187.1680, 8.7550, 12.0430)
contains.

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Color

**YIQ(187.1680, 8.7550,
12.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB1C6
RGB	203, 177, 198
RGB Percent	80%, 69%, 78%
CMY	0.2038, 0.3059, 0.2235
CMYK	0.00, 0.13, 0.02, 0.20
HSL	312°, 20%, 75%
HSV	312°, 13%, 80%
XYZ	50.5474, 48.2166, 60.0715
YIQ	187.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

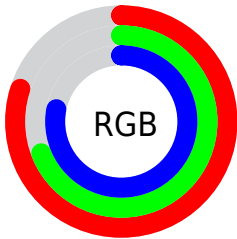
Format	Color
R_{YB}	203, 177, 198
Decimal	13349318
CIE _{Lab}	74.96, 13.02, -7.20
CIE _{LCh}	75, 14.880, 331.045
Yxy	48.2166, 0.3182, 0.3036
Android (android.graphics.Color)	4291539398 (0xFFCBB1C6)
YUV	187.1680, 5.3402, 13.8847
Hunter-Lab	69.4382, 8.4219, -2.6855

Details

The YIQ color $187.1680, 8.7550, 12.0430$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.8320, -8.7550, -12.0430$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $133.7550, 8.4800, 11.5200$ is the 20% darker color. If you saturate the color by 10%, you get $174.9720, 15.5390, 21.2590$, and if you desaturate by 10%, it is $199.3640, 1.9710, 2.8270$.

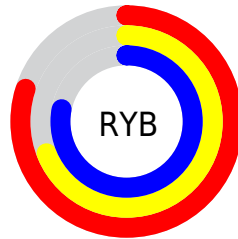
Distribution



Red (80%)

Green (69%)

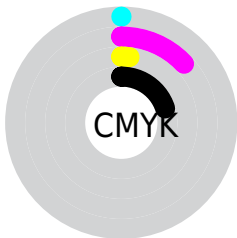
Blue (78%)



Red (80%)

Yellow (69%)

Blue (78%)

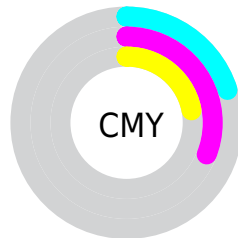


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1680, 8.7550, 12.0430 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 187.1680, 8.7550, 12.0430 by changing the saturation by 10% instead.

■ 187.1680, 8.7550,
12.0430

■ 187.1680, 8.7550,
12.0430

255.0000, -0.0000,
-0.0000

■ 160.1680, 8.7550,
12.0430

■ 242.0860, 6.0500,
11.5060

■ 133.7550, 8.4800,
11.5200

■ 108.4560, 7.8840,
11.3080

■ 84.0430, 7.6090,
10.7850

■ 61.2170, 7.0590,
9.7390

■ 38.9180, 6.4630,
9.5270

■ 17.3310, 6.7380,

10.0500

■ 0.0000, 0.0000,
0.0000

■ 187.1680, 8.7550,
12.0430

■ 187.1680, 8.7550,
12.0430

■ 174.9720, 15.5390,
21.2590

■ 199.3640, 1.9710,
2.8270

■ 162.1890, 22.5980,
30.9980

■ 212.1470, -5.0880,
-6.9120

■ 149.9930, 29.3820,
40.2140

■ 224.3430,
-11.8720, -16.1280

■ 137.7970, 36.1660,
49.4300

■ 234.7780,
-17.8310, -23.7750

■ 125.0140, 43.2250,
59.1690

■ 235.2340,
-19.1150, -22.5310

■ 112.9320, 49.6880,
68.6960

■ 235.5760,
-20.0780, -21.5980

■ 100.7360, 56.4720,
77.9120

■ 236.0320,
-21.3620, -20.3540

■ 88.5400, 63.2560,
87.1280

■ 236.4880,
-22.6460, -19.1100

■ 79.3930, 68.3440,
94.0400

■ 236.9440,
-23.9300, -17.8660

Harmonies

Analogous

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



186.1710, -4.4950, 9.8810



187.1680, 8.7550, 12.0430



187.0890, 19.1630, 10.6430

Triad

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



187.1680, 8.7550, 12.0430



184.2110, 15.2230, -6.0650



179.8270, -27.5540, -7.2500

Complementary

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



187.1680, 8.7550, 12.0430



192.8320, -8.7550, -12.0430

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.



180.0140, -20.9510, -11.2790



187.1680, 8.7550, 12.0430



182.5300, 3.8990, -10.0930

Square

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



187.1680, 8.7550, 12.0430



185.3200, 22.4660, 0.3380



180.6470, -9.6720, -11.9440



181.8860, -26.0420, -1.6100

Rectangle

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



187.1680, 8.7550, 12.0430



186.6610, 23.2440, 8.2680



180.6470, -9.6720, -11.9440



179.3710, -26.2700, -8.4940

Sweetspot

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



187.1680, 8.7550, 12.0430



248.9020, 3.3920, 4.6080



181.4590, -5.3660, 9.1460



123.6630, 2.5670, 3.0390



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.



187.1680, 8.7550, 12.0430



231.8960, 12.6970, 17.6970



185.6860, 12.9280, 8.0000



95.9020, 3.3920, 4.6080



64.9100, 55.9220, 76.8660



14.8960, 12.6970, 17.6970

Inverse Universe

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



187.1680, 8.7550, 12.0430



231.8960, 12.6970, 17.6970



194.3140, -12.9280, -8.0000



95.9020, 3.3920, 4.6080



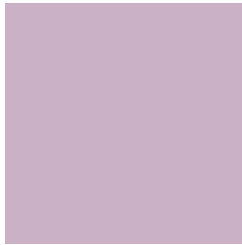
64.9100, 55.9220, 76.8660



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 187.1680, 8.7550, 12.0430 looks on a white background.

Color Contrast Check

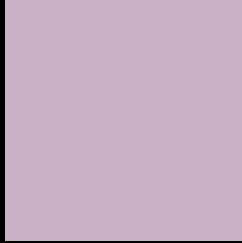
Large Text (above 18pt) WCAG AA × Fail

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 187.1680, 8.7550, 12.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

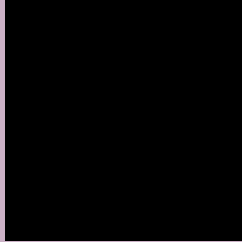
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.1680, 8.7550, 12.0430

Background



This preview shows how black text looks on a background with the YIQ color 187.1680, 8.7550, 12.0430.



This preview shows how white text looks on a background with the YIQ color 187.1680, 8.7550,

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

187.1680, 8.7550, 12.0430

Protanopia

185.1660, -6.0990, 5.9090

Deuteranopia

186.5480, 4.6290, 9.7250



Tritanopia

186.7720, 9.8100, 9.4420

Trichromacy



Original Color

187.1680, 8.7550, 12.0430

Protanomaly

185.9710, -1.0560, 8.1280

Deuteranomaly

186.5590, 6.0960, 10.6720

Tritanomaly

187.0000, 9.1680, 10.0640

Monochromacy



Original Color

187.1680, 8.7550, 12.0430

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1680, 8.7550, 12.0430 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(203, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 177, 198)  
}
```

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(203, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 177, 198) }
```

Border

The CSS property to change the border of an element to YIQ 187.1680, 8.7550, 12.0430 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(203, 177, 198) }
```


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

```
.border{ border-color:rgb(203, 177, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 177,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1680, 8.7550, 12.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 177, 198) }
```

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

```
.background{ background-color: rgb(203,  
177, 198) }
```

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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