

Converting Colors

YIQ(181.7500, 24.0710, -1.2170)

Have a look what the booklet for
YIQ(181.7500, 24.0710, -1.2170)
contains.

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Color

**YIQ(181.7500, 24.0710,
-1.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB099
RGB	204, 176, 153
RGB Percent	80%, 69%, 60%
CMY	0.1999, 0.3098, 0.3999
CMYK	0.00, 0.14, 0.25, 0.20
HSL	27°, 33%, 70%
HSV	27°, 25%, 80%
XYZ	46.1807, 46.1861, 36.6303
YIQ	181.7500, 24.0710, -1.2170

Conversions

Conversions Part 2

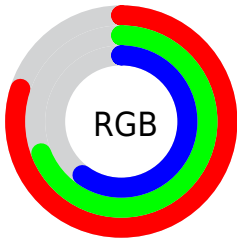
Format	Color
R_{YB}	204, 195, 153
Decimal	13414553
CIE Lab	73.67, 6.58, 15.50
CIE LCh	74, 16.839, 66.981
Yxy	46.1861, 0.3580, 0.3580
Android (android.graphics.Color)	4291604633 (0xFFCCB099)
YUV	181.7500, -14.1738, 19.5132
Hunter-Lab	67.9604, 2.3642, 15.6152

Details

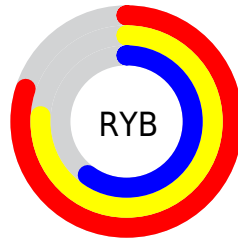
The YIQ color **181.7500, 24.0710, -1.2170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.2500, -24.0710, 1.2170**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0270, 21.7330, -2.8990**, and **128.9670, 21.9620, -1.5420** is the 20% darker color. If you saturate the color by 10%, you get **173.0130, 33.5160, -1.6840**, and if you desaturate by 10%, it is **190.4870, 14.6260, -0.7500**.

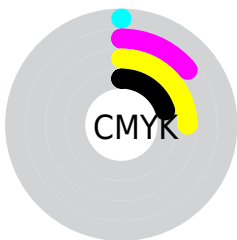
Distribution



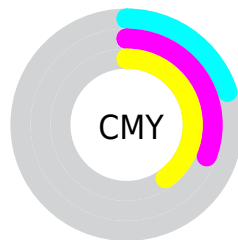
- Red (80%)
- Green (69%)
- Blue (60%)



- Red (80%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.7500, 24.0710, -1.2170 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 181.7500, 24.0710, -1.2170 by changing the saturation by 10% instead.


 181.7500, 24.0710,
-1.2170

 181.7500, 24.0710,
-1.2170


255.0000, -0.0000,
-0.0000


 154.5650, 23.1540,
-1.1180


 236.0270, 21.7330,
-2.8990


 128.9670, 21.9620,
-1.5420

 252.8340, 6.0990,
-5.9090

 103.7820, 21.0450,
-1.4430

 79.2980, 19.5320,
-1.5560

 56.1130, 18.6150,
-1.4570

 34.5150, 17.4230,
-1.8810

 13.0680, 14.4880,

1.7520

■ 0.0000, 0.0000,
0.0000

■ 181.7500, 24.0710,
-1.2170

■ 181.7500, 24.0710,
-1.2170

■ 173.0130, 33.5160,
-1.6840

■ 190.4870, 14.6260,
-0.7500

■ 164.1620, 43.2820,
-2.4620

■ 199.3380, 4.8600,
0.0280

■ 154.8380, 53.0020,
-2.4060

■ 208.6620, -4.8600,
-0.0280

■ 145.9870, 62.7680,
-3.1840

■ 217.5130,
-14.6260, 0.7500

■ 137.2500, 72.2130,
-3.6510

■ 226.2500,
-24.0710, 1.2170

■ 128.5130, 81.6580,
-4.1180

■ 232.7070,
-27.0960, -4.5360

■ 119.6620, 91.4240,
-4.8960

■ 239.1640,
-30.1210, -10.2890

■ 115.0000, 96.2840,
-4.8680

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



182.9340, 26.7290, 5.6810



181.7500, 24.0710, -1.2170



180.1570, 15.3150, -7.7330

Triad

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



181.7500, 24.0710, -1.2170



175.2630, -26.0860, -11.8300



183.0080, -2.4780, 11.8740

Complementary

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



181.7500, 24.0710, -1.2170



175.2500, -24.0710, 1.2170

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.



180.5330, -17.3780, 6.5740



181.7500, 24.0710, -1.2170



175.7880, -31.8180, -7.0660

Square

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



181.7500, 24.0710, -1.2170



176.4400, -13.5230, -13.7390



177.8580, -28.8390, -0.4790



183.9620, 12.3310, 13.3150

Rectangle

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



181.7500, 24.0710, -1.2170



178.6720, 6.3750, -10.9130



177.8580, -28.8390, -0.4790



182.6160, -7.2460, 10.1780

Sweetspot

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



181.7500, 24.0710, -1.2170



247.0780, 8.5280, -0.3680



171.4410, 21.4080, 19.5200



123.2240, 5.1810, -0.2830



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.



181.7500, 24.0710, -1.2170



221.6820, 35.9460, -1.6700



196.4250, 17.1960, -14.2920



97.3380, 4.8600, 0.0280



93.6590, 78.3110, -4.0330



21.3410, 17.9730, -0.8350

Inverse Universe

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



175.2500, -24.0710, 1.2170



212.3180, -35.9460, 1.6700



160.5750, -17.1960, 14.2920



96.0750, -4.5850, 0.4950



72.3410, -78.3110, 4.0330



16.6590, -17.9730, 0.8350

Previews

White Background



This preview shows how the YIQ color 181.7500, 24.0710, -1.2170 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 181.7500, 24.0710, -1.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

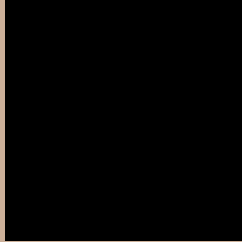
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.7500, 24.0710, -1.2170

Background



This preview shows how black text looks on a background with the YIQ color 181.7500, 24.0710, -1.2170.



This preview shows how white text looks on a background with the YIQ color 181.7500, 24.0710,

-1.2170.

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

181.7500, 24.0710, -1.2170

Protanopia

180.7270, 13.7100, -6.1780

Deuteranopia

181.7720, 27.0050, 0.6770



Tritanopia

183.6590, 17.5580, 12.1980

Trichromacy



Original Color

181.7500, 24.0710, -1.2170

Protanomaly

180.9340, 17.5610, -4.3830

Deuteranomaly

182.0600, 26.1340, -0.0580

Tritanomaly

183.1660, 20.2640, 7.2080

Monochromacy



Original Color

181.7500, 24.0710, -1.2170

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9640, 8.8490, -0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7500, 24.0710, -1.2170 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(204, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 153)  
}
```

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(204, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 153) }
```

Border

The CSS property to change the border of an element to YIQ 181.7500, 24.0710, -1.2170 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(204, 176, 153) }
```


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

```
.border{ border-color:rgb(204, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7500, 24.0710, -1.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 153) }
```

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

```
.background{ background-color: rgb(204,  
176, 153) }
```

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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