

Converting Colors

YIQ(150.0030, 48.6440, 10.5000)

Have a look what the booklet for
YIQ(150.0030, 48.6440, 10.5000)
contains.

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Color

**YIQ(150.0030, 48.6440,
10.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8272
RGB	203, 130, 114
RGB Percent	80%, 51%, 45%
CMY	0.2038, 0.4903, 0.5527
CMYK	0.00, 0.36, 0.44, 0.20
HSL	11°, 46%, 62%
HSV	11°, 44%, 80%
XYZ	35.6588, 29.8756, 19.8224
YIQ	150.0030, 48.6440, 10.5000

Conversions

Conversions Part 2

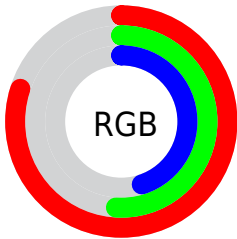
Format	Color
R _Y B	203, 134, 114
Decimal	13337202
CIE Lab	61.55, 26.36, 20.35
CIE LCh	62, 33.304, 37.663
Yxy	29.8756, 0.4178, 0.3500
Android (android.graphics.Color)	4291527282 (0xFFCB8272)
YUV	150.0030, -17.7495, 46.4784
Hunter-Lab	54.6585, 20.7994, 16.7590

Details

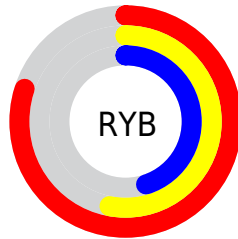
The YIQ color **150.0030, 48.6440, 10.5000** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **166.9970, -48.6440, -10.5000**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.1770, 48.0940, 9.4540**, and **98.1380, 43.8300, 9.6380** is the 20% darker color. If you saturate the color by 10%, you get **137.7440, 59.7390, 13.1710**, and if you desaturate by 10%, it is **162.2620, 37.5490, 7.8290**.

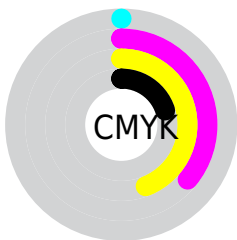
Distribution



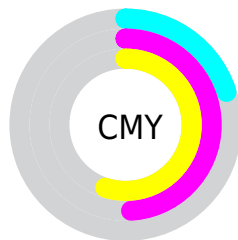
- Red (80%)
- Green (51%)
- Blue (45%)



- Red (80%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.0030, 48.6440, 10.5000 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 150.0030, 48.6440, 10.5000 by changing the saturation by 10% instead.


 150.0030, 48.6440,
10.5000


 150.0030, 48.6440,
10.5000


255.0000, -0.0000,
-0.0000


 123.2200, 46.5350,
10.1750


 203.1770, 48.0940,
9.4540


 98.1380, 43.8300,
9.6380


 222.1040, 32.0020,
3.7300


 73.4690, 41.4000,
9.6240

 242.3190, 15.0390,
-2.7290

 49.5010, 38.3740,
9.3980

 254.4300, 1.6050,
-1.5550

 25.0170, 36.8610,
9.2850

 12.5580, 25.0320,
8.9040

 0.0000, 0.0000,

0.0000

■ 150.0030, 48.6440,
10.5000

■ 150.0030, 48.6440,
10.5000

■ 137.7440, 59.7390,
13.1710

■ 162.2620, 37.5490,
7.8290

■ 125.9580, 70.8800,
15.0080

■ 174.0480, 26.4080,
5.9920

■ 113.6990, 81.9750,
17.6790

■ 186.3070, 15.3130,
3.3210

■ 101.4400, 93.0700,
20.3500

■ 198.5660, 4.2180,
0.6500

■ 89.7680, 103.8900,
22.4980

■ 210.3520, -6.9230,
-1.1870

■ 81.8290, 111.0880,
24.2080

■ 222.6110,
-18.0180, -3.8580

■ 234.7560,
-28.7920, -6.8400

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



151.7440, 42.5440, 21.9360



150.0030, 48.6440, 10.5000



148.3360, 42.7320, -3.5080

Triad

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



150.0030, 48.6440, 10.5000



137.7380, -29.5220, -26.6580



146.6420, -36.4980, 11.6780

Complementary

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



150.0030, 48.6440, 10.5000



166.9970, -48.6440, -10.5000

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.



136.1060, -67.7640, -5.3960



150.0030, 48.6440, 10.5000



130.3720, -63.5420, -26.8540

Square

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



150.0030, 48.6440, 10.5000



142.2440, 1.2880, -23.3520



125.0290, -87.2010, -22.0890



151.6740, -3.9930, 22.8150

Rectangle

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



150.0030, 48.6440, 10.5000



146.6780, 32.6010, -12.6390



125.0290, -87.2010, -22.0890



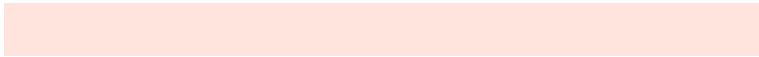
143.3200, -47.4550, 6.5050

Sweetspot

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



150.0030, 48.6440, 10.5000



235.3890, 18.0180, 3.8580



149.0470, 29.2900, 41.8820



115.6270, 11.4160, 2.3600



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.



150.0030, 48.6440, 10.5000



174.4530, 73.8600, 16.0680



175.2440, 36.8190, -11.9890



96.1640, 5.4100, 1.0740



67.2440, 90.6860, 19.5020



15.4710, 20.7230, 4.3950

Inverse Universe

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



166.9970, -48.6440, -10.5000



200.5470, -73.8600, -16.0680



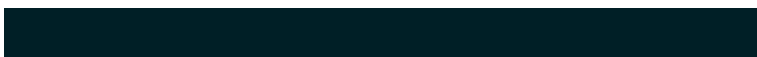
141.7560, -36.8190, 11.9890



97.8360, -5.4100, -1.0740



98.7560, -90.6860, -19.5020



22.5290, -20.7230, -4.3950

Previews

White Background



This preview shows how the YIQ color 150.0030, 48.6440, 10.5000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 150.0030, 48.6440, 10.5000 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 × Fail

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

YIQ 150.0030, 48.6440, 10.5000

Background



This preview shows how black text looks on a background with the YIQ color 150.0030, 48.6440, 10.5000.



This preview shows how white text looks on a background with the YIQ color 150.0030, 48.6440,

10.5000.

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

150.0030, 48.6440, 10.5000

Protanopia

148.7270, 13.7100, -6.1780

Deuteranopia

149.3330, 29.6190, -2.6450



Tritanopia

151.3480, 43.5990, 19.3350

Trichromacy



Original Color

150.0030, 48.6440, 10.5000

Protanomaly

149.0600, 26.1340, -0.0580

Deuteranomaly

149.5020, 36.6330, 2.4010

Tritanomaly

150.7240, 45.2960, 16.1120

Monochromacy



Original Color

150.0030, 48.6440, 10.5000

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0900, 17.4220, 3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0030, 48.6440, 10.5000 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, 130, 114)` looks like.

```
.text, #text, p{  
    color:rgb(203, 130, 114)  
}
```

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, 130, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 130, 114) }
```

Border

The CSS property to change the border of an element to YIQ 150.0030, 48.6440, 10.5000 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, 130, 114) }
```


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

```
.border{ border-color:rgb(203, 130, 114) }
```

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

Here you see how a box with a 4 pixel rgb(203, 130, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 130, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 130, 114);  
box-shadow:4px 4px 4px 4px rgb(203, 130,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0030, 48.6440, 10.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 130, 114) }
```

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

```
.background{ background-color: rgb(203,  
130, 114) }
```

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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