

Converting Colors

YIQ(148.2520, 43.5090, 9.9490)

Have a look what the booklet for
YIQ(148.2520, 43.5090, 9.9490)
contains.

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Color

**YIQ(148.2520, 43.5090,
9.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	C48275
RGB	196, 130, 117
RGB Percent	77%, 51%, 46%
CMY	0.2312, 0.4903, 0.5410
CMYK	0.00, 0.34, 0.40, 0.23
HSL	10°, 40%, 61%
HSV	10°, 40%, 77%
XYZ	33.9674, 28.9842, 20.6482
YIQ	148.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

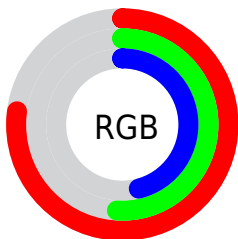
Format	Color
RYB	196, 133, 117
Decimal	12878453
CIELab	60.77, 23.93, 17.45
CIELCh	61, 29.617, 36.108
Yxy	28.9842, 0.4063, 0.3467
Android (android.graphics.Color)	4291068533 (0xFFC48275)
YUV	148.2520, -15.4072, 41.8750
Hunter-Lab	53.8370, 18.4065, 14.9462

Details

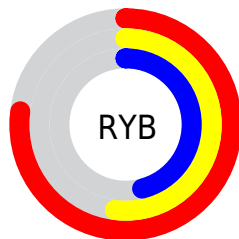
The YIQ color **148.2520, 43.5090, 9.9490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164.7480, -43.5090, -9.9490**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6330, 46.8100, 10.6980**, and **96.6860, 39.2910, 9.2990** is the 20% darker color. If you saturate the color by 10%, you get **136.5800, 54.3290, 12.0970**, and if you desaturate by 10%, it is **159.9240, 32.6890, 7.8010**.

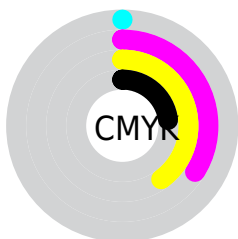
Distribution



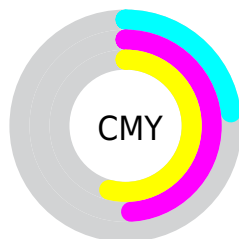
- Red (77%)
- Green (51%)
- Blue (46%)



- Red (77%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.2520, 43.5090, 9.9490 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 148.2520, 43.5090, 9.9490 by changing the saturation by 10% instead.


 148.2520, 43.5090,
9.9490


 148.2520, 43.5090,
9.9490


255.0000, -0.0000,
-0.0000


 121.7680, 41.9960,
9.8360


 202.6330, 46.8100,
10.6980

 96.6860, 39.2910,
9.2990


 222.4460, 31.0390,
4.6630


 71.9030, 37.1820,
8.9740

 242.6610, 14.0760,
-1.7960

 47.9350, 34.1560,
8.7480

254.7720, 0.6420,
-0.6220

 24.1090, 33.6060,
7.7020

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 148.2520, 43.5090,
9.9490

■ 148.2520, 43.5090,
9.9490

■ 136.5800, 54.3290,
12.0970

■ 159.9240, 32.6890,
7.8010

■ 124.4350, 65.1030,
15.0790

■ 172.0690, 21.9150,
4.8190

■ 112.7630, 75.9230,
17.2270

■ 183.7410, 11.0950,
2.6710

■ 100.6180, 86.6970,
20.2090

■ 195.8860, 0.3210,
-0.3110

■ 88.9460, 97.5170,
22.3570

■ 207.5580,
-10.4990, -2.4590

■ 77.3880, 108.0160,
24.8160

■ 219.2300,
-21.3190, -4.6070

■ 231.3750,
-32.0930, -7.5890

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



149.6400, 36.9050, 19.5050



148.2520, 43.5090, 9.9490



146.7100, 38.7430, -2.8010

Triad

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



148.2520, 43.5090, 9.9490



137.4830, -24.2500, -23.0820



144.4420, -33.0590, 9.9250

Complementary

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



148.2520, 43.5090, 9.9490



164.7480, -43.5090, -9.9490

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.



136.7220, -57.8150, -3.9830



148.2520, 43.5090, 9.9490



132.6510, -51.0260, -22.4020

Square

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



148.2520, 43.5090, 9.9490



141.4230, 2.3420, -20.4260



130.7280, -67.1200, -17.0720



149.4950, -5.0470, 19.8890

Rectangle

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



148.2520, 43.5090, 9.9490



145.4760, 30.3540, -10.4620



130.7280, -67.1200, -17.0720



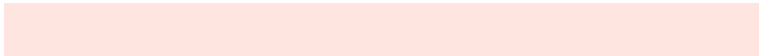
142.3160, -41.6320, 5.6000

Sweetspot

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



148.2520, 43.5090, 9.9490



236.2040, 17.1010, 3.9570



148.2590, 25.5770, 37.5850



117.1430, 9.9030, 2.2470



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.



148.2520, 43.5090, 9.9490



181.2180, 67.2120, 15.4040



170.5580, 33.0590, -9.9250



91.1640, 5.4100, 1.0740



63.4010, 88.8060, 20.5340



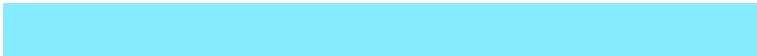
12.8020, 18.2930, 4.3810

Inverse Universe

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



164.7480, -43.5090, -9.9490



206.7820, -67.2120, -15.4040



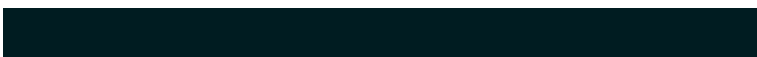
142.4420, -33.0590, 9.9250



92.8360, -5.4100, -1.0740



97.0120, -88.5310, -20.0110



20.1980, -18.2930, -4.3810

Previews

White Background



This preview shows how the YIQ color 148.2520, 43.5090, 9.9490 looks on a white background.

Color Contrast Check

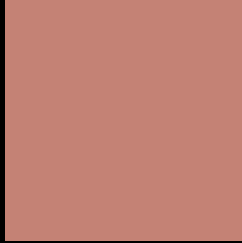
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.2520, 43.5090, 9.9490 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 148.2520, 43.5090, 9.9490

Background



This preview shows how black text looks on a background with the YIQ color 148.2520, 43.5090, 9.9490.



This preview shows how white text looks on a background with the YIQ color 148.2520, 43.5090,

9.9490.

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

148.2520, 43.5090, 9.9490

Protanopia

146.8840, 11.8300, -5.1460

Deuteranopia

147.3050, 26.8220, -1.5140



Tritanopia

149.3690, 39.1060, 18.1620

Trichromacy



Original Color

148.2520, 43.5090, 9.9490

Protanomaly

147.5050, 23.3830, 0.2390

Deuteranomaly

147.7620, 32.9650, 2.7970

Tritanomaly

148.8590, 40.4820, 15.2500

Monochromacy



Original Color

148.2520, 43.5090, 9.9490

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7200, 15.5880, 3.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2520, 43.5090, 9.9490 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(196, 130, 117)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 117)  
}
```

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(196, 130, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 117) }
```

Border

The CSS property to change the border of an element to YIQ 148.2520, 43.5090, 9.9490 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(196, 130, 117) }
```


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

```
.border{ border-color:rgb(196, 130, 117) }
```

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

Here you see how a box with a 4 pixel rgb(196, 130, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 117);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2520, 43.5090, 9.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 117) }
```

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

```
.background{ background-color: rgb(196,  
130, 117) }
```

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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