

Converting Colors

YIQ(190.7970, 25.8570, 10.4730)

Have a look what the booklet for
YIQ(190.7970, 25.8570, 10.4730)
contains.

YIQ(190.7970, 25.8570, 10.4730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(190.7970, 25.8570,
10.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB1B4
RGB	222, 177, 180
RGB Percent	87%, 69%, 71%
CMY	0.1293, 0.3059, 0.2940
CMYK	0.00, 0.20, 0.19, 0.13
HSL	356°, 41%, 78%
HSV	356°, 20%, 87%
XYZ	54.0919, 50.2671, 50.0452
YIQ	190.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

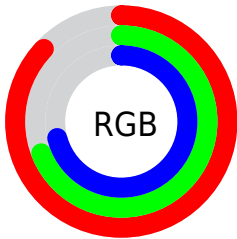
Format	Color
R _Y B	222, 177, 180
Decimal	14594484
CIE Lab	76.23, 16.79, 4.68
CIE LCh	76, 17.434, 15.557
Yxy	50.2671, 0.3503, 0.3256
Android (android.graphics.Color)	4292784564 (0xFFDEB1B4)
YUV	190.7970, -5.3229, 27.3650
Hunter-Lab	70.8993, 12.1110, 7.7789

Details

The YIQ color **190.7970, 25.8570, 10.4730** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **208.2030, -25.8570, -10.4730**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.9200, 12.1490, 5.5970**, and **136.9000, 24.0690, 9.8370** is the 20% darker color. If you saturate the color by 10%, you get **175.4890, 38.6480, 15.4480**, and if you desaturate by 10%, it is **206.1050, 13.0660, 5.4980**.

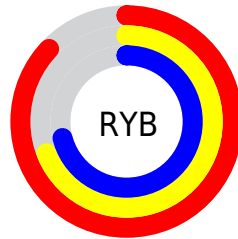
Distribution



Red (87%)

Green (69%)

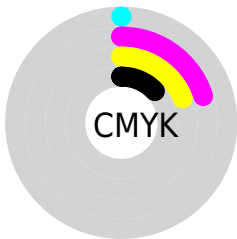
Blue (71%)



Red (87%)

Yellow (69%)

Blue (71%)

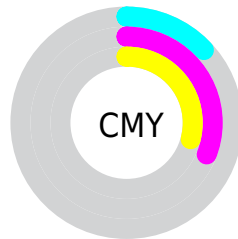


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.7970, 25.8570, 10.4730 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 190.7970, 25.8570, 10.4730 by changing the saturation by 10% instead.


 190.7970, 25.8570,
10.4730


 190.7970, 25.8570,
10.4730


255.0000, -0.0000,
-0.0000


 163.4980, 25.2610,
10.2610


 239.9200, 12.1490,
5.5970

 136.9000, 24.0690,
9.8370

 111.3020, 22.8770,
9.4130

 86.7040, 21.6850,
8.9890

 63.2200, 20.1720,
8.8760

 40.6220, 18.9800,
8.4520

 18.9100, 18.1090,

7.7170

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 190.7970, 25.8570,
10.4730

■ 190.7970, 25.8570,
10.4730

■ 175.4890, 38.6480,
15.4480

■ 206.1050, 13.0660,
5.4980

■ 160.2950, 51.1180,
20.7340

■ 221.2990, 0.5960,
0.2120

■ 144.4000, 64.1840,
26.2320

■ 237.1940,
-12.4700, -5.2860

■ 129.0920, 76.9750,
31.2070

■ 245.1330,
-19.6680, -6.9960

■ 113.8980, 89.4450,
36.4930

■ 98.5900, 102.2360,
41.4680

■ 83.2820, 115.0270,
46.4430

■ 68.0880, 127.4970,
51.7290

Harmonies

Analogous

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



191.4140, 16.8700, 13.6540



190.7970, 25.8570, 10.4730



190.0650, 27.7380, 3.9140

Triad

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



190.7970, 25.8570, 10.4730



184.4150, -3.2070, -13.4710



185.8090, -27.1430, 1.8250

Complementary

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



190.7970, 25.8570, 10.4730



208.2030, -25.8570, -10.4730

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.



183.2440, -33.1020, -5.8220



190.7970, 25.8570, 10.4730



182.9880, -18.0620, -14.0780

Square

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



190.7970, 25.8570, 10.4730



186.8360, 11.7850, -9.8390



181.9360, -29.4790, -10.9110



188.8540, -13.8480, 8.6800

Rectangle

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



190.7970, 25.8570, 10.4730



189.2340, 25.5840, -1.1040



181.9360, -29.4790, -10.9110



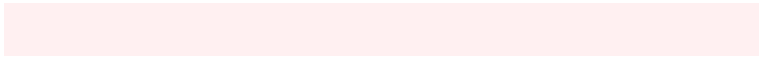
184.3740, -30.3520, -0.5920

Sweetspot

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



190.7970, 25.8570, 10.4730



244.5990, 8.6190, 3.4910



194.3890, 9.9910, 22.6870



121.6910, 5.3640, 1.9080



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.



190.7970, 25.8570, 10.4730



212.6950, 35.0720, 14.1760



201.6080, 21.5950, -0.3970



104.4030, 6.2350, 2.6430



53.9920, 101.0440, 41.0440



14.6940, 27.6450, 11.1090

Inverse Universe

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



190.7970, 25.8570, 10.4730



212.6950, 35.0720, 14.1760



197.3920, -21.5950, 0.3970



104.4030, 6.2350, 2.6430



53.9920, 101.0440, 41.0440



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 190.7970, 25.8570, 10.4730 looks on a white background.

Color Contrast Check

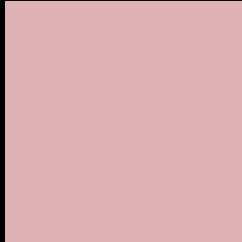
Large Text (above 18pt) WCAG AA × Fail

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 190.7970, 25.8570, 10.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

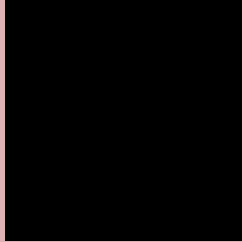
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.7970, 25.8570, 10.4730

Background



This preview shows how black text looks on a background with the YIQ color 190.7970, 25.8570, 10.4730.



This preview shows how white text looks on a background with the YIQ color 190.7970, 25.8570,

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

190.7970, 25.8570, 10.4730

Protanopia

188.3810, 3.3010, 0.7490

Deuteranopia

190.0300, 17.6510, 5.0030



Tritanopia

191.5350, 23.8390, 14.0070

Trichromacy



Original Color

190.7970, 25.8570, 10.4730

Protanomaly

189.0940, 11.5990, 4.5510

Deuteranomaly

190.0520, 20.5850, 6.8970

Tritanomaly

191.1930, 24.8020, 13.0740

Monochromacy



Original Color

190.7970, 25.8570, 10.4730

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.8980, 9.2150, 3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7970, 25.8570, 10.4730 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(222, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 180)  
}
```

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(222, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 180) }
```

Border

The CSS property to change the border of an element to YIQ 190.7970, 25.8570, 10.4730 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(222, 177, 180) }
```


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

```
.border{ border-color:rgb(222, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7970, 25.8570, 10.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 180) }
```

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

```
.background{ background-color: rgb(222,  
177, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor