

Converting Colors

YIQ(205.4510, 23.4750, -1.4290)

Have a look what the booklet for
YIQ(205.4510, 23.4750, -1.4290)
contains.

YIQ(205.4510, 23.4750, -1.4290)	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(205.4510, 23.4750,
-1.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C8B1
RGB	227, 200, 177
RGB Percent	89%, 78%, 69%
CMY	0.1098, 0.2157, 0.3058
CMYK	0.00, 0.12, 0.22, 0.11
HSL	28°, 47%, 79%
HSV	28°, 22%, 89%
XYZ	60.2728, 60.8117, 50.1709
YIQ	205.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

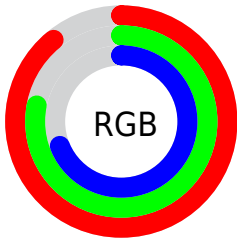
Format	Color
R _Y B	227, 220, 177
Decimal	14928049
CIE Lab	82.28, 5.96, 14.97
CIE LCh	82, 16.110, 68.296
Yxy	60.8117, 0.3519, 0.3551
Android (android.graphics.Color)	4293118129 (0xFFE3C8B1)
YUV	205.4510, -14.0263, 18.8985
Hunter-Lab	77.9818, 1.4959, 16.4421

Details

The YIQ color $205.4510, 23.4750, -1.4290$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $198.5490, -23.4750, 1.4290$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, 7.0620, -6.8420$, and $150.9670, 21.9620, -1.5420$ is the 20% darker color. If you saturate the color by 10%, you get $195.7850, 34.1580, -2.3060$, and if you desaturate by 10%, it is $215.1170, 12.7920, -0.5520$.

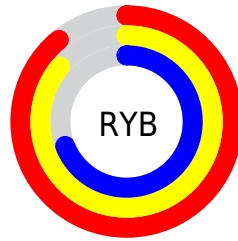
Distribution



Red (89%)

Green (78%)

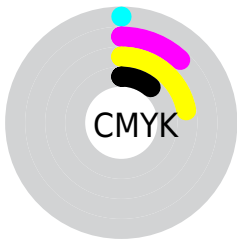
Blue (69%)



Red (89%)

Yellow (86%)

Blue (69%)

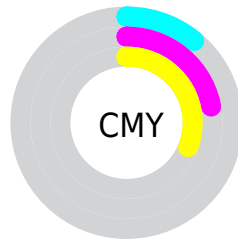


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (11%)



Cyan (11%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.4510, 23.4750, -1.4290 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 205.4510, 23.4750, -1.4290 by changing the saturation by 10% instead.


 205.4510, 23.4750,
-1.4290


 205.4510, 23.4750,
-1.4290


255.0000, -0.0000,
-0.0000


 178.1520, 22.8790,
-1.6410


 252.4920, 7.0620,
-6.8420

 150.9670, 21.9620,
-1.5420

 124.7820, 21.0450,
-1.4430

 100.1840, 19.8530,
-1.8670

 76.1130, 18.6150,
-1.4570

 53.5150, 17.4230,
-1.8810

 31.6890, 16.8730,

-2.9270

■ 8.6380, 12.8830,
3.3070

■ 0.0000, 0.0000,
0.0000

■ 205.4510, 23.4750,
-1.4290

■ 205.4510, 23.4750,
-1.4290

■ 195.7850, 34.1580,
-2.3060

■ 215.1170, 12.7920,
-0.5520

■ 185.6460, 44.7950,
-2.3490

■ 225.2560, 2.1550,
-0.5090

■ 175.9800, 55.4780,
-3.2260

■ 234.9220, -8.5280,
0.3680

■ 166.3140, 66.1610,
-4.1030

■ 243.1060,
-15.0380, -2.7980

■ 156.7620, 76.5230,
-4.6690

■ 246.6280,
-16.6880, -5.9360

■ 146.5090, 87.4810,
-5.0230

■ 136.8430, 98.1640,
-5.9000

■ 128.9210,
106.6920, -6.2680

Harmonies

Analogous

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



206.9340, 26.7290, 5.6810



205.4510, 23.4750, -1.4290



203.9720, 14.3980, -7.6340

Triad

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



205.4510, 23.4750, -1.4290



199.5620, -25.4900, -11.6180



206.4920, -0.9650, 11.9870

Complementary

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



205.4510, 23.4750, -1.4290



198.5490, -23.4750, 1.4290

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.



205.0170, -15.8650, 6.6870



205.4510, 23.4750, -1.4290



200.0870, -31.2220, -6.8540

Square

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



205.4510, 23.4750, -1.4290



200.5540, -13.8440, -13.4280



201.7550, -27.0510, 0.1570



207.8480, 12.6520, 13.0040

Rectangle

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



205.4510, 23.4750, -1.4290



202.4870, 5.4580, -10.8140



201.7550, -27.0510, 0.1570



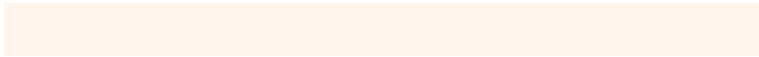
206.2140, -6.0540, 10.6020

Sweetspot

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



205.4510, 23.4750, -1.4290



247.0780, 8.5280, -0.3680



195.1420, 20.8120, 19.3080



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.



205.4510, 23.4750, -1.4290



226.3440, 31.0860, -1.6980



220.1260, 16.6000, -14.5040



110.1100, 5.5020, -0.5940



101.6550, 84.1340, -4.9380



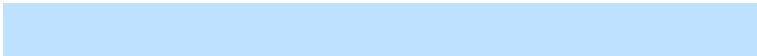
28.7500, 24.0710, -1.2170

Inverse Universe

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



198.5490, -23.4750, 1.4290



217.6560, -31.0860, 1.6980



184.4610, -16.8750, 13.9810



107.8900, -5.5020, 0.5940



76.7580, -83.8590, 5.4610



22.2500, -24.0710, 1.2170

Previews

White Background



This preview shows how the YIQ color 205.4510, 23.4750, -1.4290 looks on a white background.

Color Contrast Check

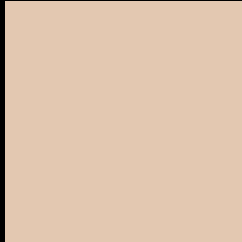
Large Text (above 18pt) WCAG AA × Fail

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 205.4510, 23.4750, -1.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

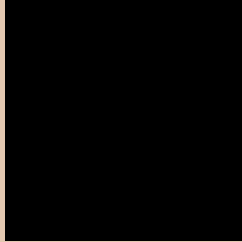
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.4510, 23.4750, -1.4290

Background



This preview shows how black text looks on a background with the YIQ color 205.4510, 23.4750, -1.4290.



This preview shows how white text looks on a background with the YIQ color 205.4510, 23.4750,

-1.4290.

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

205.4510, 23.4750, -1.4290

Protanopia

204.1400, 13.9850, -5.6550

Deuteranopia

205.8970, 28.1510, 1.9350



Tritanopia

207.4740, 16.6410, 12.2970

Trichromacy



Original Color

205.4510, 23.4750, -1.4290

Protanomaly

204.9340, 17.5610, -4.3830

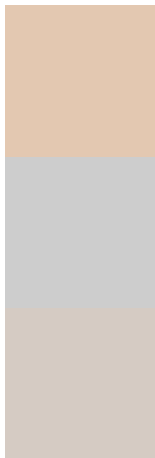
Deuteranomaly

205.5870, 26.0880, 0.7760

Tritanomaly

206.9810, 19.3470, 7.3070

Monochromacy



Original Color

205.4510, 23.4750, -1.4290

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0780, 8.5280, -0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4510, 23.4750, -1.4290 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(227, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 177)  
}
```

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(227, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 177) }
```

Border

The CSS property to change the border of an element to YIQ 205.4510, 23.4750, -1.4290 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(227, 200, 177) }
```


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

```
.border{ border-color:rgb(227, 200, 177) }
```

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

Here you see how a box with a 4 pixel rgb(227, 200, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4510, 23.4750, -1.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 177) }
```

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

```
.background{ background-color: rgb(227,  
200, 177) }
```

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