

Converting Colors

YIQ(183.7200, 41.9510, 5.1430)

Have a look what the booklet for
YIQ(183.7200, 41.9510, 5.1430)
contains.

YIQ(183.7200, 41.9510, 5.1430)	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(183.7200, 41.9510,
5.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A992
RGB	227, 169, 146
RGB Percent	89%, 66%, 57%
CMY	0.1097, 0.3373, 0.4273
CMYK	0.00, 0.26, 0.36, 0.11
HSL	17°, 59%, 73%
HSV	17°, 36%, 89%
XYZ	51.0639, 46.7796, 33.5513
YIQ	183.7200, 41.9510, 5.1430

Conversions

Conversions Part 2

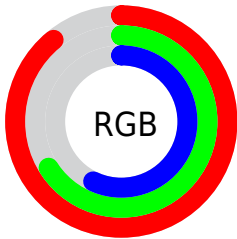
Format	Color
R _Y B	227, 178, 146
Decimal	14920082
CIE Lab	74.05, 18.33, 20.17
CIE LCh	74, 27.254, 47.736
Yxy	46.7796, 0.3886, 0.3560
Android (android.graphics.Color)	4293110162 (0xFFE3A992)
YUV	183.7200, -18.5960, 37.9566
Hunter-Lab	68.3956, 13.5749, 18.7924

Details

The YIQ color **183.7200, 41.9510, 5.1430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **189.2800, -41.9510, -5.1430**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5330, 26.1800, -0.8920**, and **130.3390, 38.6500, 4.3940** is the 20% darker color. If you saturate the color by 10%, you get **171.7060, 53.7340, 6.3580**, and if you desaturate by 10%, it is **195.7340, 30.1680, 3.9280**.

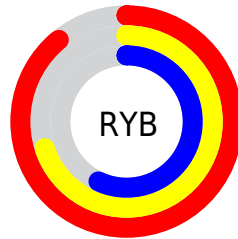
Distribution



Red (89%)

Green (66%)

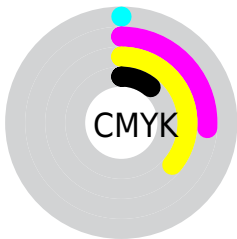
Blue (57%)



Red (89%)

Yellow (70%)

Blue (57%)

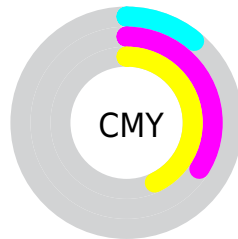


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.7200, 41.9510, 5.1430 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 183.7200, 41.9510, 5.1430 by changing the saturation by 10% instead.


 183.7200, 41.9510,
5.1430


 183.7200, 41.9510,
5.1430


255.0000, -0.0000,
-0.0000


 156.2360, 40.4380,
5.0300


 230.5330, 26.1800,
-0.8920


 130.3390, 38.6500,
4.3940

 250.7480, 9.2170,
-7.3510

 104.6700, 36.2200,
4.3800

 79.8870, 34.1110,
4.0550

 56.2180, 31.6810,
4.0410

 33.5660, 30.5810,
1.9490

 11.9600, 23.8400,

8.4800

■ 0.0000, 0.0000,
0.0000

■ 183.7200, 41.9510,
5.1430

■ 183.7200, 41.9510,
5.1430

■ 171.7060, 53.7340,
6.3580

■ 195.7340, 30.1680,
3.9280

■ 159.2190, 65.4710,
8.4070

■ 208.2210, 18.4310,
1.8790

■ 147.2050, 77.2540,
9.6220

■ 220.2350, 6.6480,
0.6640

■ 135.1910, 89.0370,
10.8370

■ 232.2490, -5.1350,
-0.5510

■ 123.2910,
100.4990, 12.3630

■ 243.6930,
-15.3130, -3.3210

■ 110.6900,
112.5570, 14.1010

■ 246.6280,
-16.6880, -5.9360

■ 105.4410,
117.6920, 14.6520

Harmonies

Analogous

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



185.0870, 39.8400, 15.8720



183.7200, 41.9510, 5.1430



181.9650, 33.4710, -6.3770

Triad

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



183.7200, 41.9510, 5.1430



172.5300, -31.6320, -21.4560



182.6070, -20.2220, 14.0660

Complementary

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



183.7200, 41.9510, 5.1430



189.2800, -41.9510, -5.1430

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.



176.9520, -43.6030, 2.7730



183.7200, 41.9510, 5.1430



170.2860, -51.2560, -18.2320

Square

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



183.7200, 41.9510, 5.1430



176.2200, -7.3320, -21.3160



171.6310, -56.3010, -9.3970



185.9970, 5.2230, 20.9910

Rectangle

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



183.7200, 41.9510, 5.1430



180.4750, 22.9270, -13.5290



171.6310, -56.3010, -9.3970



181.0080, -28.8410, 10.5750

Sweetspot

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



183.7200, 41.9510, 5.1430



240.0680, 14.4880, 1.7520



176.9450, 29.3370, 35.5210



119.0180, 8.7570, 0.9890



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.



183.7200, 41.9510, 5.1430



196.0870, 57.0350, 7.1070



206.6130, 31.2260, -15.2540



108.9360, 6.0520, 0.4520



83.4580, 92.6590, 11.2750



23.4670, 26.5460, 3.4900

Inverse Universe

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



189.2800, -41.9510, -5.1430



203.9130, -57.0350, -7.1070



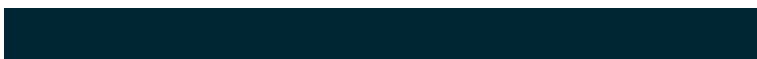
166.3870, -31.2260, 15.2540



109.6510, -6.3270, -0.9750



95.5420, -92.6590, -11.2750



27.5330, -26.5460, -3.4900

Previews

White Background



This preview shows how the YIQ color 183.7200, 41.9510, 5.1430 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 183.7200, 41.9510, 5.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

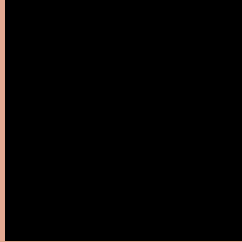
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.7200, 41.9510, 5.1430

Background



This preview shows how black text looks on a background with the YIQ color 183.7200, 41.9510, 5.1430.



This preview shows how white text looks on a background with the YIQ color 183.7200, 41.9510,

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

183.7200, 41.9510, 5.1430

Protanopia

181.5700, 15.5900, -7.2100

Deuteranopia

182.9420, 32.2780, -1.2740



Tritanopia

185.8030, 34.8880, 17.5120

Trichromacy



Original Color

183.7200, 41.9510, 5.1430

Protanomaly

182.2940, 25.3550, -2.4610

Deuteranomaly

183.2630, 35.8080, 0.8320

Tritanomaly

184.8370, 37.5480, 13.3560

Monochromacy



Original Color

183.7200, 41.9510, 5.1430

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.2530, 15.4050, 1.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7200, 41.9510, 5.1430 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, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 146)  
}
```

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, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 146) }
```

Border

The CSS property to change the border of an element to YIQ 183.7200, 41.9510, 5.1430 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, 169, 146) }
```


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

```
.border{ border-color:rgb(227, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7200, 41.9510, 5.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 146) }
```

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

```
.background{ background-color: rgb(227,  
169, 146) }
```

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