

Converting Colors

YIQ(203.4510, 40.6700,
-10.1940)

Have a look what the booklet for
YIQ(203.4510, 40.6700, -10.1940)
contains.

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Color

**YIQ(203.4510, 40.6700,
-10.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC78D
RGB	236, 199, 141
RGB Percent	93%, 78%, 55%
CMY	0.0745, 0.2196, 0.4468
CMYK	0.00, 0.16, 0.40, 0.07
HSL	37°, 71%, 74%
HSV	37°, 40%, 93%
XYZ	59.8279, 60.5994, 33.7634
YIQ	203.4510, 40.6700, -10.1940

Conversions

Conversions Part 2

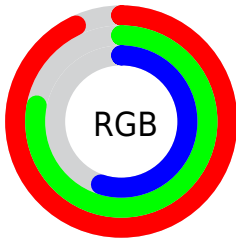
Format	Color
R _Y B	202, 236, 141
Decimal	15517581
CIE Lab	82.16, 5.39, 33.88
CIE LCh	82, 34.302, 80.957
Yxy	60.5994, 0.3880, 0.3930
Android (android.graphics.Color)	4293707661 (0xFFECC78D)
YUV	203.4510, -30.7883, 28.5455
Hunter-Lab	77.8456, 0.9556, 28.7765

Details

The YIQ color $203.4510, 40.6700, -10.1940$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $173.5490, -40.6700, 10.1940$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.1600, 19.2600, -18.6600$, and $148.8960, 37.9190, -9.8970$ is the 20% darker color. If you saturate the color by 10%, you get $195.4320, 50.8490, -12.9510$, and if you desaturate by 10%, it is $211.4700, 30.4910, -7.4370$.

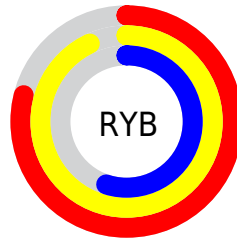
Distribution



Red (93%)

Green (78%)

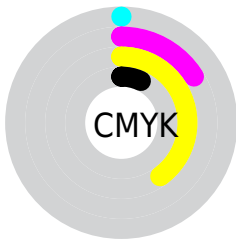
Blue (55%)



Red (79%)

Yellow (93%)

Blue (55%)

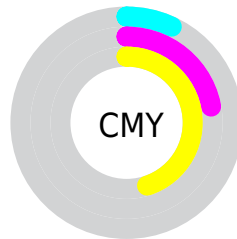


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (7%)



Cyan (7%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.4510, 40.6700, -10.1940 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 203.4510, 40.6700, -10.1940 by changing the saturation by 10% instead.


 203.4510, 40.6700,
-10.1940


 203.4510, 40.6700,
-10.1940


255.0000, -0.0000,
-0.0000


 175.9670, 39.1570,
-10.3070


 248.1600, 19.2600,
-18.6600


 148.8960, 37.9190,
-9.8970


 251.3520, 10.2720,
-9.9520

 123.1130, 35.8100,
-10.2220

 254.6580, 0.9630,
-0.9330

 97.6290, 34.2970,
-10.3350

 72.8460, 32.1880,
-10.6600

 50.2910, 29.4370,
-10.3630

 30.4890, 20.3120,

-4.6800

■ 8.3390, 12.2870,
3.0950

■ 0.0000, 0.0000,
0.0000

■ 203.4510, 40.6700,
-10.1940

■ 203.4510, 40.6700,
-10.1940

■ 195.4320, 50.8490,
-12.9510

■ 211.4700, 30.4910,
-7.4370

■ 187.5270, 60.7070,
-15.3970

■ 219.3750, 20.6330,
-4.9910

■ 178.9210, 71.1610,
-17.6310

■ 227.9810, 10.1790,
-2.7570

■ 171.0160, 81.0190,
-20.0770

■ 235.8860, 0.3210,
-0.3110

■ 162.9970, 91.1980,
-22.8340

■ 243.4490, -8.5740,
1.2020

■ 155.0920,
101.0560, -25.2800

■ 248.7320,
-11.0490, -3.5050

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



204.3850, 50.2040, 4.2520



203.4510, 40.6700, -10.1940



200.0950, 17.8850, -21.2750

Triad

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



203.4510, 40.6700, -10.1940



186.8750, -72.2080, -23.9840



208.8500, 10.3110, 27.9030

Complementary

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



203.4510, 40.6700, -10.1940



173.5490, -40.6700, 10.1940

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.



204.7750, -20.6350, 16.0450



203.4510, 40.6700, -10.1940



189.3990, -76.1990, -12.2230

Square

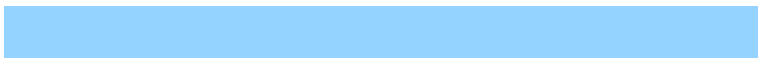
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.4510, 40.6700, -10.1940



191.1860, -45.5230, -28.5230



196.5920, -51.3970, 0.8510



207.0020, 33.1900, 26.2620

Rectangle

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



203.4510, 40.6700, -10.1940



197.3960, -2.1960, -26.2920



196.5920, -51.3970, 0.8510



208.5220, -0.5090, 25.7550

Sweetspot

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



203.4510, 40.6700, -10.1940



244.4220, 13.2510, -3.3650



173.7370, 44.4220, 31.9580



121.8390, 7.7030, -1.9370



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.



203.4510, 40.6700, -10.1940



212.9160, 52.3620, -12.8380



222.4790, 25.1310, -31.4530



113.3980, 4.6310, -1.3290



118.6890, 77.6260, -19.1580



35.5170, 23.1090, -5.8110

Inverse Universe

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



173.5490, -40.6700, 10.1940



174.4970, -52.0870, 13.3610



154.8200, -24.5350, 31.6650



109.6020, -4.6310, 1.3290



62.3110, -77.6260, 19.1580



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 203.4510, 40.6700, -10.1940 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 203.4510, 40.6700, -10.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

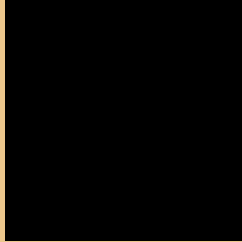
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.4510, 40.6700, -10.1940

Background



This preview shows how black text looks on a background with the YIQ color 203.4510, 40.6700, -10.1940.



This preview shows how white text looks on a background with the YIQ color 203.4510, 40.6700, -10.1940.

-10.1940.

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

203.4510, 40.6700, -10.1940

Protanopia

202.1290, 29.7130, -15.3670

Deuteranopia

204.1960, 45.9420, -6.6180



Tritanopia

208.1440, 26.4980, 15.3780

Trichromacy



Original Color

203.4510, 40.6700, -10.1940

Protanomaly

202.3360, 33.5640, -13.5720

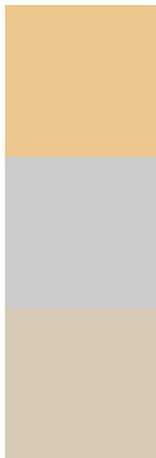
Deuteranomaly

203.8860, 43.8790, -7.7770

Tritanomaly

206.3860, 31.2680, 6.0200

Monochromacy



Original Color

203.4510, 40.6700, -10.1940

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.3790, 14.8100, -4.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4510, 40.6700, -10.1940 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(236, 199, 141)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 141)  
}
```

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(236, 199, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 141) }
```

Border

The CSS property to change the border of an element to YIQ 203.4510, 40.6700, -10.1940 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(236, 199, 141) }
```


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

```
.border{ border-color:rgb(236, 199, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 199, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 199, 141); box-shadow:4px 4px 4px 4px rgb(236, 199, 141) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4510, 40.6700, -10.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 141) }
```

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

```
.background{ background-color: rgb(236,  
199, 141) }
```

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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