

Converting Colors

YIQ(195.0540, 35.4390, 13.0310)

Have a look what the booklet for
YIQ(195.0540, 35.4390, 13.0310)
contains.

YIQ(195.0540, 35.4390, 13.0310)	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(195.0540, 35.4390,
13.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB1B2
RGB	237, 177, 178
RGB Percent	93%, 69%, 70%
CMY	0.0704, 0.3060, 0.3018
CMYK	0.00, 0.25, 0.25, 0.07
HSL	359°, 63%, 81%
HSV	359°, 25%, 93%
XYZ	58.6939, 52.6609, 49.2093
YIQ	195.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

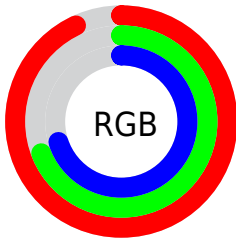
Format	Color
R _Y B	237, 177, 178
Decimal	15577522
CIE Lab	77.67, 22.01, 8.02
CIE LCh	78, 23.431, 20.029
Yxy	52.6609, 0.3655, 0.3280
Android (android.graphics.Color)	4293767602 (0xFFEDB1B2)
YUV	195.0540, -8.4076, 36.7866
Hunter-Lab	72.5678, 17.3796, 10.5921

Details

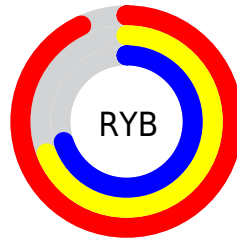
The YIQ color **195.0540, 35.4390, 13.0310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218.9460, -35.4390, -13.0310**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6920, 12.7910, 4.9750**, and **140.8580, 33.0550, 12.1830** is the 20% darker color. If you saturate the color by 10%, you get **178.3440, 49.4220, 18.4300**, and if you desaturate by 10%, it is **211.7640, 21.4560, 7.6320**.

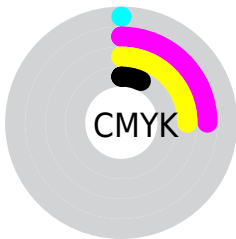
Distribution



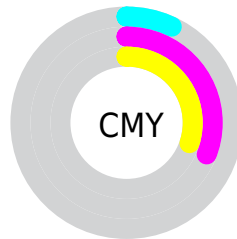
- Red (93%)
- Green (69%)
- Blue (70%)



- Red (93%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (7%)




- Cyan (7%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.0540, 35.4390, 13.0310 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 195.0540, 35.4390, 13.0310 by changing the saturation by 10% instead.


 195.0540, 35.4390,
13.0310

 195.0540, 35.4390,
13.0310


255.0000, -0.0000,
-0.0000


 167.4560, 34.2470,
12.6070


 239.6920, 12.7910,
4.9750

 140.8580, 33.0550,
12.1830

 115.3740, 31.5420,
12.0700

 89.8900, 30.0290,
11.9570

 65.9930, 28.2410,
11.3210

 42.9110, 25.5360,
10.7840

 20.1990, 24.6650,

10.0490

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 195.0540, 35.4390,
13.0310

■ 195.0540, 35.4390,
13.0310

■ 178.3440, 49.4220,
18.4300

■ 211.7640, 21.4560,
7.6320

■ 162.1070, 63.4510,
22.9950

■ 228.0010, 7.4270,
3.0670

■ 145.3970, 77.4340,
28.3940

■ 244.7110, -6.5560,
-2.3320

■ 128.6870, 91.4170,
33.7930

■ 249.6180,
-10.7280, -3.8160

■ 111.9770,
105.4000, 39.1920

■ 95.7400, 119.4290,
43.7570

■ 79.0300, 133.4120,
49.1560

■ 71.3190, 139.9680,
51.4880

Harmonies

Analogous

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



195.7680, 24.8010, 18.6010



195.0540, 35.4390, 13.0310



193.5560, 36.5410, 4.0690

Triad

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



195.0540, 35.4390, 13.0310



186.9150, -7.7910, -18.5030



188.6710, -35.4420, 3.5500

Complementary

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



195.0540, 35.4390, 13.0310



218.9460, -35.4390, -13.0310

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.



184.7740, -46.3980, -7.1500



195.0540, 35.4390, 13.0310



184.0790, -28.7440, -18.7280

Square

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



195.0540, 35.4390, 13.0310



189.3860, 12.9320, -14.1080



182.7000, -43.5540, -14.6420



193.1190, -15.9120, 13.0480

Rectangle

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



195.0540, 35.4390, 13.0310



192.5890, 31.7740, -3.1540



182.7000, -43.5540, -14.6420



187.2250, -40.1180, 0.1860

Sweetspot

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



195.0540, 35.4390, 13.0310



240.9800, 11.9200, 4.2400



201.1820, 15.3080, 30.9560



118.8870, 7.7480, 2.7560



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.



195.0540, 35.4390, 13.0310



201.8380, 44.9750, 16.4230



211.3760, 28.0600, -1.9240



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Inverse Universe

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



195.0540, 35.4390, 13.0310



201.8380, 44.9750, 16.4230



202.6240, -28.0600, 1.9240



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 195.0540, 35.4390, 13.0310 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 195.0540, 35.4390, 13.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

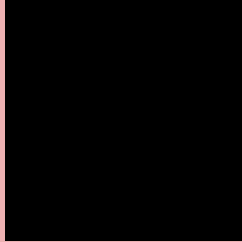
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.0540, 35.4390, 13.0310

Background



This preview shows how black text looks on a background with the YIQ color 195.0540, 35.4390, 13.0310.



This preview shows how white text looks on a background with the YIQ color 195.0540, 35.4390,

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

195.0540, 35.4390, 13.0310

Protanopia

192.2240, 5.1810, -0.2830

Deuteranopia

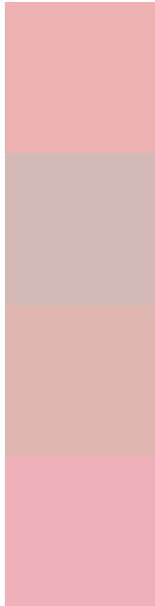
193.5420, 21.9610, 3.9850



Tritanopia

195.4330, 33.0540, 17.7100

Trichromacy



Original Color

195.0540, 35.4390, 13.0310

Protanomaly

193.4320, 16.4590, 4.5790

Deuteranomaly

193.9880, 26.6370, 7.3490

Tritanomaly

195.5640, 34.0630, 15.9430

Monochromacy



Original Color

195.0540, 35.4390, 13.0310

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0540, 35.4390, 13.0310 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(237, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 178)  
}
```

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(237, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 178) }
```

Border

The CSS property to change the border of an element to YIQ 195.0540, 35.4390, 13.0310 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(237, 177, 178) }
```


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

```
.border{ border-color:rgb(237, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0540, 35.4390, 13.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 178) }
```

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

```
.background{ background-color: rgb(237,  
177, 178) }
```

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