

Converting Colors

YIQ(177.0210, 40.2060, 20.2540)

Have a look what the booklet for
YIQ(177.0210, 40.2060, 20.2540)
contains.

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Color

**YIQ(177.0210, 40.2060,
20.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	E499A7
RGB	228, 153, 167
RGB Percent	89%, 60%, 65%
CMY	0.1057, 0.4001, 0.3449
CMYK	0.00, 0.33, 0.27, 0.11
HSL	349°, 58%, 75%
HSV	349°, 33%, 89%
XYZ	50.3747, 42.0654, 42.0420
YIQ	177.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

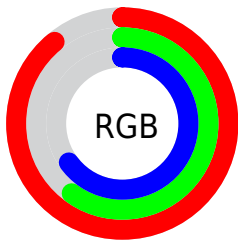
Format	Color
RYB	228, 153, 167
Decimal	14981543
CIELab	70.92, 30.00, 4.22
CIElCh	71, 30.290, 8.005
Yxy	42.0654, 0.3746, 0.3128
Android (android.graphics.Color)	4293171623 (0xFFE499A7)
YUV	177.0210, -4.9404, 44.7086
Hunter-Lab	64.8578, 25.1387, 6.9676

Details

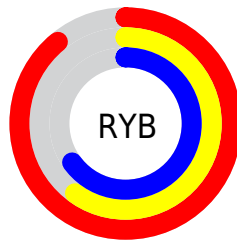
The YIQ color **177.0210, 40.2060, 20.2540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.9790, -40.2060, -20.2540**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6490, 23.5180, 14.3180**, and **123.5260, 37.2260, 19.1940** is the 20% darker color. If you saturate the color by 10%, you get **161.4680, 52.3090, 26.6850**, and if you desaturate by 10%, it is **192.6880, 27.7820, 14.1340**.

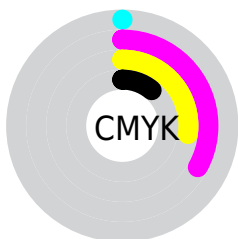
Distribution



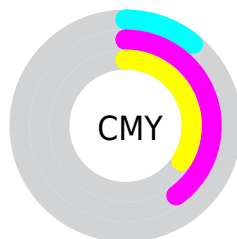
- Red (89%)
- Green (60%)
- Blue (65%)



- Red (89%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.0210, 40.2060, 20.2540 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 177.0210, 40.2060, 20.2540 by changing the saturation by 10% instead.


 177.0210, 40.2060,
20.2540


 177.0210, 40.2060,
20.2540


255.0000, -0.0000,
-0.0000


 150.1240, 38.4180,
19.6180


 223.6490, 23.5180,
14.3180


 123.5260, 37.2260,
19.1940

 243.3910, 6.5090,
8.6930

 97.7430, 35.1170,
18.8690

 73.1450, 33.9250,
18.4450

 48.4760, 31.4950,
18.4310

 24.0460, 29.8900,
19.9860

 13.2700, 25.9030,

9.6390

0.0000, 0.0000,
0.0000

177.0210, 40.2060,
20.2540

177.0210, 40.2060,
20.2540

161.4680, 52.3090,
26.6850

192.6880, 27.7820,
14.1340

145.8010, 64.7330,
32.8050

208.2410, 15.6790,
7.7030

130.7210, 76.8820,
38.4020

223.3210, 3.5300,
2.1060

115.1680, 88.9850,
44.8330

238.8740, -8.5730,
-4.3250

99.5010, 101.4090,
50.9530

246.9270,
-16.0920, -5.7240

■ 83.9480, 113.5120,
57.3840

■ 73.0740, 122.0850,
61.7090

Harmonies

Analogous

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



178.0870, 22.6450, 24.6370



177.0210, 40.2060, 20.2540



175.8070, 46.2600, 9.6520

Triad

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



177.0210, 40.2060, 20.2540



167.8850, 0.9210, -22.2070



164.9610, -56.9900, -2.4140

Complementary

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



177.0210, 40.2060, 20.2540



203.9790, -40.2060, -20.2540

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.



159.0810, -66.6160, -15.1920



177.0210, 40.2060, 20.2540



163.8740, -26.9090, -24.4530

Square

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



177.0210, 40.2060, 20.2540



171.3180, 24.8070, -14.5610



159.8680, -53.1350, -22.7270



172.6810, -32.2340, 11.4940

Rectangle

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



177.0210, 40.2060, 20.2540



174.5690, 43.6940, 1.0860



159.8680, -53.1350, -22.7270



162.2760, -62.4910, -7.3470

Sweetspot

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



177.0210, 40.2060, 20.2540



237.9310, 13.6160, 6.5440



179.4900, 11.6850, 36.0450



117.1260, 8.5730, 4.3250



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.



177.0210, 40.2060, 20.2540



185.6640, 54.6930, 27.5330



188.3390, 38.6500, 4.3940



106.8160, 6.5100, 3.1660



57.2830, 96.0910, 48.2110



16.3890, 27.1860, 13.9220

Inverse Universe

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



177.0210, 40.2060, 20.2540



185.6640, 54.6930, 27.5330



192.6610, -38.6500, -4.3940



106.8160, 6.5100, 3.1660



57.2830, 96.0910, 48.2110



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 177.0210, 40.2060, 20.2540 looks on a white background.

Color Contrast Check

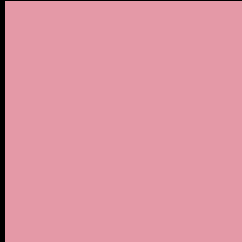
Large Text (above 18pt) WCAG AA × Fail

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 177.0210, 40.2060, 20.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

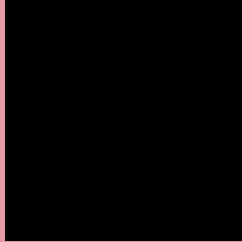
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.0210, 40.2060, 20.2540

Background



This preview shows how black text looks on a background with the YIQ color 177.0210, 40.2060, 20.2540.



This preview shows how white text looks on a background with the YIQ color 177.0210, 40.2060,

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

177.0210, 40.2060, 20.2540

Protanopia

174.4670, 0.1830, 2.1910

Deuteranopia

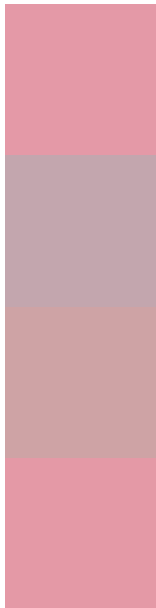
175.3180, 16.7800, 4.2680



Tritanopia

176.7930, 40.8480, 19.6320

Trichromacy



Original Color

177.0210, 40.2060, 20.2540

Protanomaly

175.5830, 14.7160, 8.6360

Deuteranomaly

176.0850, 24.9860, 9.7380

Tritanomaly

176.9070, 40.5270, 19.9430

Monochromacy



Original Color

177.0210, 40.2060, 20.2540

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9420, 15.0830, 7.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0210, 40.2060, 20.2540 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(228, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(228, 153, 167)  
}
```

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(228, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 153, 167) }
```

Border

The CSS property to change the border of an element to YIQ 177.0210, 40.2060, 20.2540 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(228, 153, 167) }
```


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

```
.border{ border-color:rgb(228, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(228, 153,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0210, 40.2060, 20.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 153, 167) }
```

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

```
.background{ background-color: rgb(228,  
153, 167) }
```

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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