

Converting Colors

YIQ(179.5050, 40.5780, -8.5260)

Have a look what the booklet for
YIQ(179.5050, 40.5780, -8.5260)
contains.

YIQ(179.5050, 40.5780, -8.5260)	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(179.5050, 40.5780,
-8.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AE78
RGB	213, 174, 120
RGB Percent	84%, 68%, 47%
CMY	0.1646, 0.3177, 0.5292
CMYK	0.00, 0.18, 0.44, 0.16
HSL	35°, 53%, 65%
HSV	35°, 44%, 84%
XYZ	45.9711, 45.7714, 24.1976
YIQ	179.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

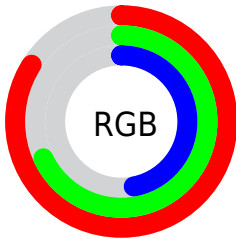
Format	Color
RYB	187, 213, 120
Decimal	14003832
CIELab	73.40, 7.15, 32.99
CIELCh	73, 33.755, 77.772
Yxy	45.7714, 0.3965, 0.3948
Android (android.graphics.Color)	4292193912 (0xFFD5AE78)
YUV	179.5050, -29.3360, 29.3751
Hunter-Lab	67.6546, 2.8948, 26.1523

Details

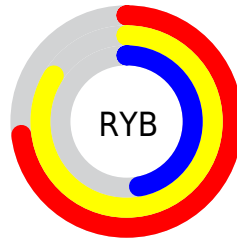
The YIQ color **179.5050, 40.5780, -8.5260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **153.4950, -40.5780, 8.5260**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3900, 33.4720, -11.9040**, and **126.2380, 36.9560, -8.9640** is the 20% darker color. If you saturate the color by 10%, you get **171.8280, 49.7940, -10.3500**, and if you desaturate by 10%, it is **187.1820, 31.3620, -6.7020**.

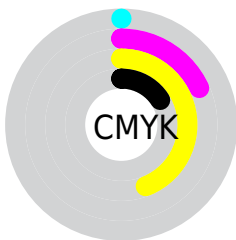
Distribution



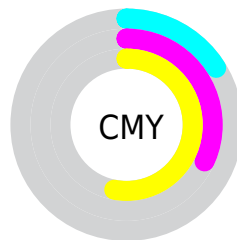
- Red (84%)
- Green (68%)
- Blue (47%)



- Red (73%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.5050, 40.5780, -8.5260 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 179.5050, 40.5780, -8.5260 by changing the saturation by 10% instead.


 179.5050, 40.5780,
-8.5260


 179.5050, 40.5780,
-8.5260


255.0000, -0.0000,
-0.0000


 152.1350, 38.7440,
-8.3280


 230.3900, 33.4720,
-11.9040


 126.2380, 36.9560,
-8.9640


 248.8440, 17.3340,
-16.7940

 100.8680, 35.1220,
-8.7660

 252.0360, 8.3460,
-8.0860

 76.3840, 33.6090,
-8.8790

 52.9600, 31.8670,
-10.3490

 33.1580, 22.7420,
-4.6660

 11.8940, 15.0380,

2.7980

0.0000, 0.0000,
0.0000

179.5050, 40.5780,
-8.5260

179.5050, 40.5780,
-8.5260

171.8280, 49.7940,
-10.3500

187.1820, 31.3620,
-6.7020

164.0370, 59.3310,
-12.4850

194.9730, 21.8250,
-4.5670

156.3600, 68.5470,
-14.3090

202.6500, 12.6090,
-2.7430

148.6830, 77.7630,
-16.1330

210.3270, 3.3930,
-0.9190

141.0060, 86.9790,
-17.9570

218.1180, -6.1440,
1.2160

■ 136.4750, 92.8480,
-19.6960

■ 225.7950,
-15.3600, 3.0400

■ 231.8760,
-20.0820, 0.5100

■ 237.1590,
-22.5570, -4.1970

■ 241.8550,
-24.7570, -8.3810

Harmonies

Analogous

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



181.7380, 50.7080, 6.1320



179.5050, 40.5780, -8.5260



176.5190, 19.6270, -19.8050

Triad

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



179.5050, 40.5780, -8.5260



162.1310, -70.0530, -24.4930



184.6430, 6.4600, 26.1080

Complementary

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



179.5050, 40.5780, -8.5260



153.4950, -40.5780, 8.5260

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.



180.7790, -26.4580, 16.9500



179.5050, 40.5780, -8.5260



163.7470, -77.2990, -14.3150

Square

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



179.5050, 40.5780, -8.5260



167.1650, -41.0300, -27.3500



172.7100, -57.5410, 2.0670



184.5290, 33.1440, 27.0960

Rectangle

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



179.5050, 40.5780, -8.5260



174.1900, 1.3800, -25.0200



172.7100, -57.5410, 2.0670



183.6140, -3.7640, 24.1720

Sweetspot

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



179.5050, 40.5780, -8.5260



243.0200, 14.4430, -2.9410



152.3670, 42.5880, 32.1560



120.3230, 9.2160, -1.8240



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.



179.5050, 40.5780, -8.5260



206.9660, 58.0930, -12.0750



200.6040, 26.2770, -30.1950



103.3980, 4.6310, -1.3290



109.2420, 74.6910, -15.5250



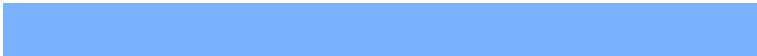
27.5320, 18.7530, -3.9590

Inverse Universe

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



153.4950, -40.5780, 8.5260



170.0340, -58.0930, 12.0750



132.3960, -26.2770, 30.1950



100.1890, -4.9060, 0.8060



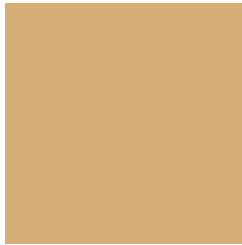
61.7580, -74.6910, 15.5250



15.4680, -18.7530, 3.9590

Previews

White Background



This preview shows how the YIQ color 179.5050, 40.5780, -8.5260 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 179.5050, 40.5780, -8.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

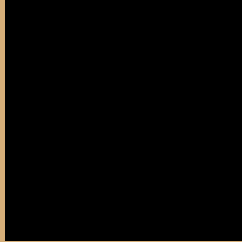
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.5050, 40.5780, -8.5260

Background



This preview shows how black text looks on a background with the YIQ color 179.5050, 40.5780, -8.5260.



This preview shows how white text looks on a background with the YIQ color 179.5050, 40.5780,

-8.5260.

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

179.5050, 40.5780, -8.5260

Protanopia

177.9870, 27.2370, -14.5470

Deuteranopia

179.8150, 42.6410, -7.3670



Tritanopia

183.3290, 27.4150, 15.2790

Trichromacy



Original Color

179.5050, 40.5780, -8.5260

Protanomaly

178.7920, 32.2800, -12.3280

Deuteranomaly

179.5160, 42.0450, -7.5790

Tritanomaly

182.0980, 32.1390, 6.7550

Monochromacy



Original Color

179.5050, 40.5780, -8.5260

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9060, 14.7640, -3.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.5050, 40.5780, -8.5260 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(213, 174, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 120)  
}
```

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(213, 174, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 120) }
```

Border

The CSS property to change the border of an element to YIQ 179.5050, 40.5780, -8.5260 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(213, 174, 120) }
```


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

```
.border{ border-color:rgb(213, 174, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 120);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 179.5050, 40.5780, -8.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 120) }
```

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

```
.background{ background-color: rgb(213,  
174, 120) }
```

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