

Converting Colors

YIQ(172.9960, 40.2130,
-18.4350)

Have a look what the booklet for
YIQ(172.9960, 40.2130, -18.4350)
contains.

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Color

**YIQ(172.9960, 40.2130,
-18.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AE61
RGB	200, 174, 97
RGB Percent	78%, 68%, 38%
CMY	0.2157, 0.3177, 0.6194
CMYK	0.00, 0.13, 0.51, 0.22
HSL	45°, 48%, 58%
HSV	45°, 51%, 78%
XYZ	41.1145, 43.4118, 17.5353
YIQ	172.9960, 40.2130, -18.4350

Conversions

Conversions Part 2

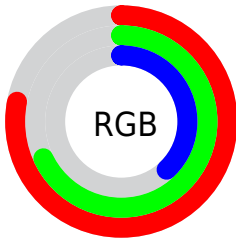
Format	Color
RYB	132, 200, 97
Decimal	13151841
CIELab	71.83, -0.45, 42.62
CIELCh	72, 42.627, 90.605
Yxy	43.4118, 0.4028, 0.4253
Android (android.graphics.Color)	4291341921 (0xFFC8AE61)
YUV	172.9960, -37.4660, 23.6825
Hunter-Lab	65.8876, -3.9175, 30.3419

Details

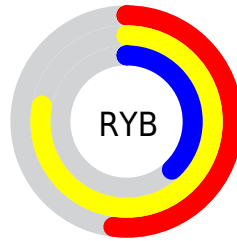
The YIQ color **172.9960, 40.2130, -18.4350** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **124.0040, -40.2130, 18.4350**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6540, 41.1760, -19.3680**, and **120.0280, 37.1870, -18.6610** is the 20% darker color. If you saturate the color by 10%, you get **167.7810, 48.0080, -22.0400**, and if you desaturate by 10%, it is **178.2110, 32.4180, -14.8300**.

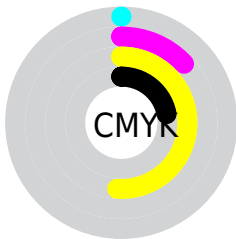
Distribution



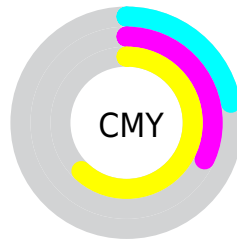
- Red (78%)
- Green (68%)
- Blue (38%)



- Red (52%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (22%)



- Cyan (22%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9960, 40.2130, -18.4350 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 172.9960, 40.2130, -18.4350 by changing the saturation by 10% instead.

■ 172.9960, 40.2130,
-18.4350

■ 172.9960, 40.2130,
-18.4350

255.0000, -0.0000,
-0.0000

■ 145.9250, 38.9750,
-18.0250

■ 227.6540, 41.1760,
-19.3680

■ 120.0280, 37.1870,
-18.6610

■ 245.9940, 25.3590,
-24.5690

■ 94.4300, 35.9950,
-19.0850

■ 249.1860, 16.3710,
-15.8610

■ 70.3480, 33.2900,
-19.6220

■ 252.4920, 7.0620,
-6.8420

■ 49.3720, 24.7150,
-12.8930

■ 29.5700, 15.5900,
-7.2100

■ 6.8000, 3.4390,

-1.7530

■ 0.0000, 0.0000,
0.0000

■ 172.9960, 40.2130,
-18.4350

■ 172.9960, 40.2130,
-18.4350

■ 167.7810, 48.0080,
-22.0400

■ 178.2110, 32.4180,
-14.8300

■ 162.5660, 55.8030,
-25.6450

■ 183.4260, 24.6230,
-11.2250

■ 157.3510, 63.5980,
-29.2500

■ 188.6410, 16.8280,
-7.6200

■ 152.1360, 71.3930,
-32.8550

■ 193.8560, 9.0330,
-4.0150

■ 147.2630, 78.2250,
-35.5270

■ 199.0710, 1.2380,
-0.4100

■ 204.2860, -6.5570,
3.1950

■ 209.5010,
-14.3520, 6.8000

■ 214.4880,
-21.5050, 9.7830

■ 217.4230,
-22.8800, 7.1680

Harmonies

Analogous

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



175.4150, 58.6870, -0.8090



172.9960, 40.2130, -18.4350



168.6330, 10.1380, -29.5580

Triad

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



172.9960, 40.2130, -18.4350



139.4480, -122.5940, -35.9540



181.0090, 23.2850, 35.0690

Complementary

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



172.9960, 40.2130, -18.4350



124.0040, -40.2130, 18.4350

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.



179.2630, -15.7770, 27.1270



172.9960, 40.2130, -18.4350



144.0160, -120.7170, -20.4050

Square

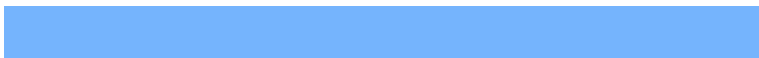
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.9960, 40.2130, -18.4350



149.4680, -81.7880, -37.5960



169.4850, -60.9810, 9.3470



179.4450, 51.1160, 31.7880

Rectangle

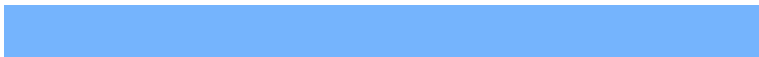
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.9960, 40.2130, -18.4350



164.9380, -15.7660, -33.6700



169.4850, -60.9810, 9.3470



181.0230, 11.5020, 33.8540

Sweetspot

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



172.9960, 40.2130, -18.4350



244.7980, 14.9480, -6.5880



130.9890, 52.4000, 30.5440



121.8560, 9.0330, -4.0150



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.



172.9960, 40.2130, -18.4350



213.5080, 61.7180, -28.2180



181.0820, 18.7590, -37.1210



96.8000, 3.4390, -1.7530



120.3510, 63.5980, -29.2500



26.6130, 14.0310, -6.4890

Inverse Universe

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



124.0040, -40.2130, 18.4350



138.4920, -61.7180, 28.2180



115.9180, -18.7590, 37.1210



92.2000, -3.4390, 1.7530



42.6490, -63.5980, 29.2500



9.3870, -14.0310, 6.4890

Previews

White Background



This preview shows how the YIQ color 172.9960, 40.2130, -18.4350 looks on a white background.

Color Contrast Check

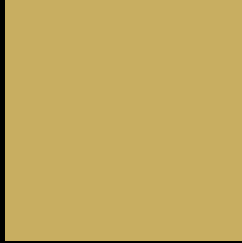
Large Text (above 18pt) WCAG AA × Fail

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 172.9960, 40.2130, -18.4350 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 172.9960, 40.2130, -18.4350

Background



This preview shows how black text looks on a background with the YIQ color 172.9960, 40.2130, -18.4350.



This preview shows how white text looks on a background with the YIQ color 172.9960, 40.2130, -18.4350.

-18.4350.

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

172.9960, 40.2130, -18.4350

Protanopia

172.4900, 35.7660, -20.4420

Deuteranopia

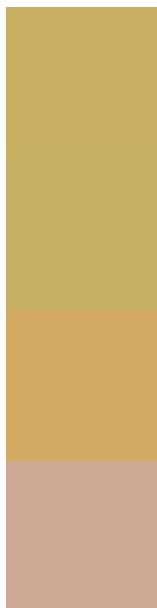
174.0730, 50.4820, -11.8060



Tritanopia

179.2250, 21.7760, 12.8480

Trichromacy



Original Color

172.9960, 40.2130, -18.4350

Protanomaly

172.5010, 37.2330, -19.4950

Deuteranomaly

173.7520, 46.9520, -13.9120

Tritanomaly

176.7830, 28.4720, 1.6240

Monochromacy



Original Color

172.9960, 40.2130, -18.4350

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7980, 14.9480, -6.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9960, 40.2130, -18.4350 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(200, 174, 97)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 97)  
}
```

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(200, 174, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 97) }
```

Border

The CSS property to change the border of an element to YIQ 172.9960, 40.2130, -18.4350 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(200, 174, 97) }
```


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

```
.border{ border-color:rgb(200, 174, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 97);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9960, 40.2130, -18.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 97) }
```

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

```
.background{ background-color: rgb(200,  
174, 97) }
```

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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