

Converting Colors

YIQ(198.0650, 9.4020, -16.2140)

Have a look what the booklet for
YIQ(198.0650, 9.4020, -16.2140)
contains.

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Color

**YIQ(198.0650, 9.4020,
-16.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CEA0
RGB	197, 206, 160
RGB Percent	77%, 81%, 63%
CMY	0.2275, 0.1921, 0.3725
CMYK	0.04, 0.00, 0.22, 0.19
HSL	72°, 32%, 72%
HSV	72°, 22%, 81%
XYZ	51.4416, 58.5517, 41.8566
YIQ	198.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

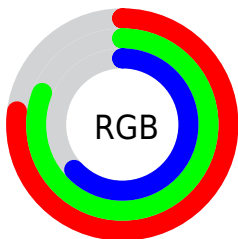
Format	Color
RYB	160, 206, 169
Decimal	12963488
CIELab	81.04, -10.83, 21.90
CIELCh	81, 24.426, 116.309
Yxy	58.5517, 0.3388, 0.3856
Android (android.graphics.Color)	4291153568 (0xFFC5CEA0)
YUV	198.0650, -18.7660, -0.9340
Hunter-Lab	76.5191, -13.9079, 21.1312

Details

The YIQ color $198.0650, 9.4020, -16.2140$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.9350, -9.4020, 16.2140$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.1410, 12.2440, -12.6520$, and $144.2930, 8.7600, -15.5920$ is the 20% darker color. If you saturate the color by 10%, you get $194.4750, 13.7590, -23.5930$, and if you desaturate by 10%, it is $201.6550, 5.0450, -8.8350$.

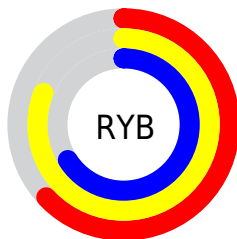
Distribution



Red (77%)

Green (81%)

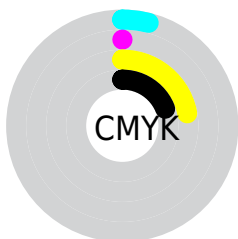
Blue (63%)



Red (63%)

Yellow (81%)

Blue (66%)

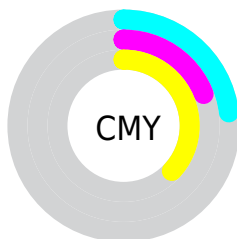


Cyan (4%)

Magenta (0%)

Yellow (22%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.0650, 9.4020, -16.2140 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 198.0650, 9.4020, -16.2140 by changing the saturation by 10% instead.

■ 198.0650, 9.4020,
-16.2140

■ 198.0650, 9.4020,
-16.2140

255.0000, -0.0000,
-0.0000

■ 171.1790, 9.0810,
-15.9030

■ 250.1410, 12.2440,
-12.6520

■ 144.2930, 8.7600,
-15.5920

■ 253.6320, 3.8520,
-3.7320

■ 118.5210, 8.1180,
-14.9700

■ 93.6350, 7.7970,
-14.6590

■ 69.8630, 7.1550,
-14.0370

■ 47.0910, 6.5130,
-13.4150

■ 26.8460, 5.8250,

-11.9590

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 198.0650, 9.4020,
-16.2140

■ 198.0650, 9.4020,
-16.2140

■ 194.4750, 13.7590,
-23.5930

■ 201.6550, 5.0450,
-8.8350

■ 190.9990, 17.7950,
-30.6610

■ 205.1310, 1.0090,
-1.7670

■ 187.4090, 22.1520,
-38.0400

■ 208.7210, -3.3480,
5.6120

■ 183.9330, 26.1880,
-45.1080

■ 212.1970, -7.3840,
12.6800

■ 180.3430, 30.5450,
-52.4870

■ 214.8750, -9.1730,
17.5710

■ 176.7530, 34.9020,
-59.8660

■ 216.0710, -6.7890,
18.4190

■ 173.2770, 38.9380,
-66.9340

■ 217.2670, -4.4050,
19.2670

■ 170.5560, 42.2860,
-72.5460

■ 218.4630, -2.0210,
20.1150

■ 219.6590, 0.3630,
20.9630

Harmonies

Analogous

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



200.6760, 26.9150, -8.7090



198.0650, 9.4020, -16.2140



194.9360, -12.2840, -19.6760

Triad

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



198.0650, 9.4020, -16.2140



194.1700, -47.4530, -4.5490



205.2200, 29.3400, 18.9400

Complementary

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



198.0650, 9.4020, -16.2140



167.9350, -9.4020, 16.2140

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.



204.9930, 11.0460, 20.0860



198.0650, 9.4020, -16.2140



198.9210, -33.1500, 6.0660

Square

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



198.0650, 9.4020, -16.2140



191.7750, -48.1390, -14.1470



203.0380, -11.1900, 15.5780



204.0820, 38.2360, 11.9000

Rectangle

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



198.0650, 9.4020, -16.2140



193.6230, -27.4600, -19.9720



203.0380, -11.1900, 15.5780



205.5230, 24.1130, 20.0570

Sweetspot

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



198.0650, 9.4020, -16.2140



251.7520, 3.3940, -6.4460



178.4500, 25.2160, 5.5680



125.8490, 1.7430, -4.0570



0.0000, 0.0000, 0.0000



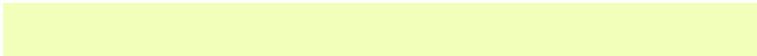
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.0650, 9.4020, -16.2140



242.9480, 13.8050, -24.4270



191.4870, -3.7100, -20.8780



100.2620, 2.0180, -3.5340



137.2090, 33.6180, -58.6220



31.5750, 8.0260, -13.3020

Inverse Universe

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



167.9350, -9.4020, 16.2140



198.0520, -13.8050, 24.4270



174.5130, 3.7100, 20.8780



93.7380, -2.0180, 3.5340



28.7910, -33.6180, 58.6220



6.7240, -7.4300, 13.5140

Previews

White Background



This preview shows how the YIQ color 198.0650, 9.4020, -16.2140 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 198.0650, 9.4020, -16.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

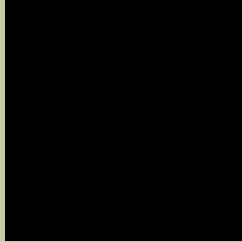
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

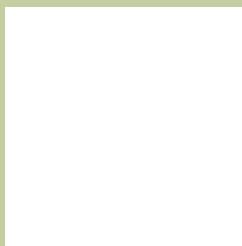
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.0650, 9.4020, -16.2140

Background



This preview shows how black text looks on a background with the YIQ color 198.0650, 9.4020, -16.2140.



This preview shows how white text looks on a background with the YIQ color 198.0650, 9.4020, -16.2140.

-16.2140.

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

198.0650, 9.4020, -16.2140

Protanopia

199.9850, 21.5510, -10.6170

Deuteranopia

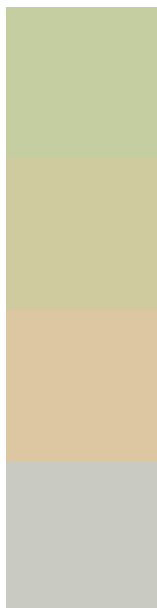
201.8390, 34.0660, -0.6380



Tritanopia

202.2050, -1.8350, 5.7250

Trichromacy



Original Color

198.0650, 9.4020, -16.2140

Protanomaly

199.4790, 17.1040, -12.6240

Deuteranomaly

200.7730, 25.2640, -6.3200

Tritanomaly

200.7890, 1.9720, -2.7000

Monochromacy



Original Color

198.0650, 9.4020, -16.2140

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1650, 3.6690, -5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0650, 9.4020, -16.2140 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(197, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 160)  
}
```

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(197, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 160) }
```

Border

The CSS property to change the border of an element to YIQ 198.0650, 9.4020, -16.2140 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(197, 206, 160) }
```


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

```
.border{ border-color:rgb(197, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0650, 9.4020, -16.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 160) }
```

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

```
.background{ background-color: rgb(197,  
206, 160) }
```

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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