

Converting Colors

YIQ(196.7850, 6.6540, -32.4980)

Have a look what the booklet for
YIQ(196.7850, 6.6540, -32.4980)
contains.

YIQ(196.7850, 6.6540, -32.4980)	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(196.7850, 6.6540,
-32.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D886
RGB	183, 216, 134
RGB Percent	72%, 85%, 53%
CMY	0.2825, 0.1529, 0.4744
CMYK	0.15, 0.00, 0.38, 0.15
HSL	84°, 51%, 69%
HSV	84°, 38%, 85%
XYZ	48.3846, 60.9038, 31.7681
YIQ	196.7850, 6.6540, -32.4980

Conversions

Conversions Part 2

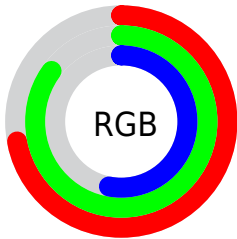
Format	Color
RYB	134, 216, 167
Decimal	12048518
CIELab	82.33, -24.59, 36.88
CIELCh	82, 44.326, 123.695
Yxy	60.9038, 0.3430, 0.4318
Android (android.graphics.Color)	4290238598 (0xFFB7D886)
YUV	196.7850, -30.9530, -12.0894
Hunter-Lab	78.0409, -25.9033, 30.4934

Details

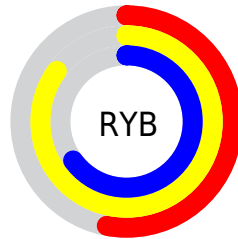
The YIQ color **196.7850, 6.6540, -32.4980** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **153.2150, -6.6540, 32.4980**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.8770, 12.5670, -24.0170**, and **142.5400, 5.9660, -31.0420** is the 20% darker color. If you saturate the color by 10%, you get **191.5860, 8.3520, -41.2480**, and if you desaturate by 10%, it is **201.9840, 4.9560, -23.7480**.

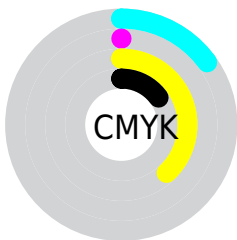
Distribution



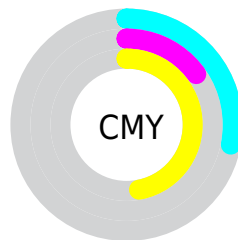
- Red (72%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7850, 6.6540, -32.4980 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 196.7850, 6.6540, -32.4980 by changing the saturation by 10% instead.

■ 196.7850, 6.6540,
-32.4980

■ 196.7850, 6.6540,
-32.4980

255.0000, -0.0000,
-0.0000

■ 169.0130, 6.0120,
-31.8760

■ 242.8770, 12.5670,
-24.0170

■ 142.5400, 5.9660,
-31.0420

■ 250.5540, 12.5190,
-12.1290

■ 116.6540, 5.6450,
-30.7310

■ 253.8600, 3.2100,
-3.1100

■ 90.8820, 5.0030,
-30.1090

■ 66.3550, 5.0490,
-30.9430

■ 44.4780, 0.5090,
-25.7550

■ 23.1920, -10.1290,

-20.1850

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 196.7850, 6.6540,
-32.4980

■ 196.7850, 6.6540,
-32.4980

■ 191.5860, 8.3520,
-41.2480

■ 201.9840, 4.9560,
-23.7480

■ 186.8000, 10.3250,
-49.4750

■ 206.7700, 2.9830,
-15.5210

■ 181.6010, 12.0230,
-58.2250

■ 211.9690, 1.2850,
-6.7710

■ 176.5160, 13.4000,
-66.6640

■ 217.0540, -0.0920,
1.6680

■ 171.3170, 15.0980,
-75.4140

■ 222.2530, -1.7900,
10.4180

■ 166.4170, 17.3920,
-83.9520

■ 226.1270, -1.1950,
16.1570

■ 165.3630, 17.4840,
-85.6200

■ 228.8180, 4.1690,
18.0650

■ 231.5090, 9.5330,
19.9730

■ 232.1070, 10.7250,
20.3970

Harmonies

Analogous

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



201.4150, 40.3510, -20.9370



196.7850, 6.6540, -32.4980



189.9940, -36.5350, -37.2310

Triad

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



196.7850, 6.6540, -32.4980



179.7490, -97.9760, -19.5440



200.1230, 40.1590, 26.6150

Complementary

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



196.7850, 6.6540, -32.4980



153.2150, -6.6540, 32.4980

Split Complementary

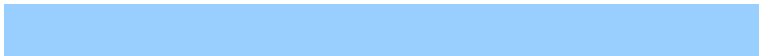
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208.3190, 25.3480, 36.2280



196.7850, 6.6540, -32.4980



196.0270, -48.1880, 3.2680

Square

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



196.7850, 6.6540, -32.4980



161.1620, -142.4000, -40.4480



206.3580, -5.9190, 24.6810



198.4980, 51.6240, 11.5600

Rectangle

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



196.7850, 6.6540, -32.4980



182.5850, -68.9960, -38.1480



206.3580, -5.9190, 24.6810



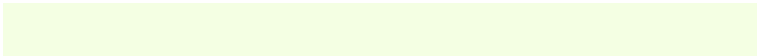
202.3060, 35.3900, 30.4460

Sweetspot

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



196.7850, 6.6540, -32.4980



248.5190, 2.4320, -11.0400



177.8890, 39.7970, 0.1250



123.9690, 1.2850, -6.7710



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.



196.7850, 6.6540, -32.4980



227.6090, 9.5450, -46.3510



184.5260, -17.7820, -41.1900



104.5500, 1.1470, -4.2690



130.8750, 13.7670, -67.8090



33.0150, 3.6710, -16.9770

Inverse Universe

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



153.2150, -6.6540, 32.4980



165.3910, -9.5450, 46.3510



165.4740, 17.7820, 41.1900



98.7490, -0.5510, 4.4810



40.1250, -13.7670, 67.8090



9.9850, -3.6710, 16.9770

Previews

White Background



This preview shows how the YIQ color 196.7850, 6.6540, -32.4980 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 196.7850, 6.6540, -32.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

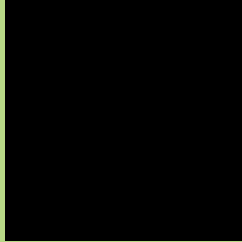
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.7850, 6.6540, -32.4980

Background



This preview shows how black text looks on a background with the YIQ color 196.7850, 6.6540, -32.4980.



This preview shows how white text looks on a background with the YIQ color 196.7850, 6.6540,

-32.4980.

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

196.7850, 6.6540, -32.4980

Protanopia

201.1310, 35.3990, -19.2970

Deuteranopia

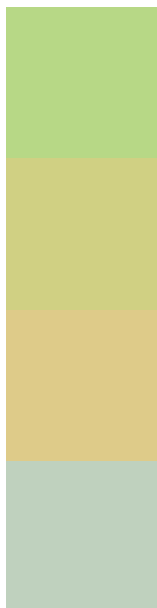
203.2670, 47.1800, -7.0280



Tritanopia

203.9480, -11.4170, 3.1670

Trichromacy



Original Color

196.7850, 6.6540, -32.4980

Protanomaly

199.2220, 24.7170, -23.9470

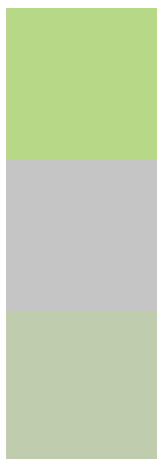
Deuteranomaly

201.1570, 32.5100, -16.4980

Tritanomaly

201.4520, -4.6290, -9.7250

Monochromacy



Original Color

196.7850, 6.6540, -32.4980

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9920, 2.4780, -11.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7850, 6.6540, -32.4980 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(183, 216, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 134)  
}
```

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(183, 216, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 134) }
```

Border

The CSS property to change the border of an element to YIQ 196.7850, 6.6540, -32.4980 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(183, 216, 134) }
```


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

```
.border{ border-color:rgb(183, 216, 134) }
```

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

Here you see how a box with a 4 pixel rgb(183, 216, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 216, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 216, 134);  
box-shadow:4px 4px 4px 4px rgb(183, 216,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7850, 6.6540, -32.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 134) }
```

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

```
.background{ background-color: rgb(183,  
216, 134) }
```

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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