

Converting Colors

YIQ(187.7200, -2.7480,
-16.2840)

Have a look what the booklet for
YIQ(187.7200, -2.7480, -16.2840)
contains.

YIQ(187.7200, -2.7480, -16.2840)	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(187.7200, -2.7480,
-16.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC7A3
RGB	175, 199, 163
RGB Percent	69%, 78%, 64%
CMY	0.3138, 0.2196, 0.3608
CMYK	0.12, 0.00, 0.18, 0.22
HSL	100°, 24%, 71%
HSV	100°, 18%, 78%
XYZ	44.7116, 52.6076, 42.4501
YIQ	187.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

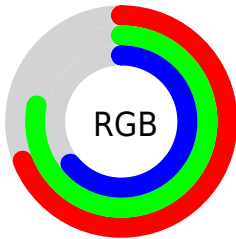
Format	Color
RYB	163, 199, 187
Decimal	11519907
CIELab	77.64, -14.77, 15.35
CIELCh	78, 21.299, 133.901
Yxy	52.6076, 0.3199, 0.3764
Android (android.graphics.Color)	4289709987 (0xFFAFC7A3)
YUV	187.7200, -12.1870, -11.1554
Hunter-Lab	72.5311, -16.8934, 16.0712

Details

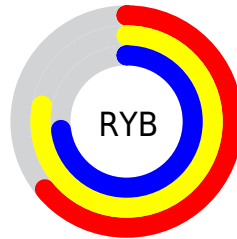
The YIQ color $187.7200, -2.7480, -16.2840$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.2800, 2.7480, 16.2840$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6060, -2.4270, -16.5950$, and $134.2470, -2.7940, -15.4500$ is the 20% darker color. If you saturate the color by 10%, you get $181.5530, -4.0760, -25.2600$, and if you desaturate by 10%, it is $193.8870, -1.4200, -7.3080$.

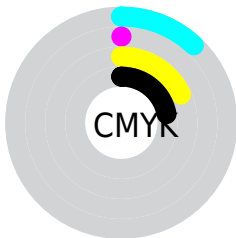
Distribution



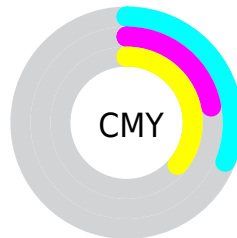
- Red (69%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.7200, -2.7480, -16.2840 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 187.7200, -2.7480, -16.2840 by changing the saturation by 10% instead.

 187.7200, -2.7480,
-16.2840


 187.7200, -2.7480,
-16.2840

255.0000, -0.0000,
-0.0000

 160.8340, -3.0690,
-15.9730


 243.6060, -2.4270,
-16.5950


 134.2470, -2.7940,
-15.4500

 253.9740, 2.8890,
-2.7990

 108.7740, -2.8400,
-14.6160

 84.7740, -2.8400,
-14.6160

 61.3010, -2.8860,
-13.7820

 38.8280, -2.9320,
-12.9480

 17.9310, -4.7200,

-13.5840

■ 0.0000, 0.0000,
0.0000

■ 187.7200, -2.7480,
-16.2840

■ 187.7200, -2.7480,
-16.2840

■ 181.5530, -4.0760,
-25.2600

■ 193.8870, -1.4200,
-7.3080

■ 175.0870, -6.0000,
-34.4480

■ 200.3530, 0.5040,
1.8800

■ 168.9200, -7.3280,
-43.4240

■ 206.5200, 1.8320,
10.8560

■ 162.7530, -8.6560,
-52.4000

■ 212.6870, 3.1600,
19.8320

■ 156.5860, -9.9840,
-61.3760

■ 217.9420, 7.0560,
26.3200

■ 150.2340,
-12.2290, -70.2530

■ 222.1280, 15.4000,
29.2880

■ 144.0670,
-13.5570, -79.2290

■ 137.9000,
-14.8850, -88.2050

■ 136.5470,
-15.3890, -90.0850

Harmonies

Analogous

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



189.7500, 14.9030, -11.2810



187.7200, -2.7480, -16.2840



185.1400, -21.5460, -17.0180

Triad

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



187.7200, -2.7480, -16.2840



188.3890, -34.7080, 1.2600



195.0150, 31.1750, 13.2150

Complementary

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



187.7200, -2.7480, -16.2840



174.2800, 2.7480, 16.2840

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.



195.4900, 19.7120, 17.2160



187.7200, -2.7480, -16.2840



191.8690, -18.2040, 10.5320

Square

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



187.7200, -2.7480, -16.2840



184.8130, -42.1340, -7.3340



194.9810, 2.1520, 16.0720



193.8270, 34.3400, 5.4120

Rectangle

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



187.7200, -2.7480, -16.2840



184.0340, -32.8710, -15.5190



194.9810, 2.1520, 16.0720



195.5140, 28.3320, 15.1800

Sweetspot

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



187.7200, -2.7480, -16.2840



250.8270, -1.1910, -5.9510



187.8520, 14.8560, -4.9200



125.2940, -1.0080, -3.7600



0.0000, 0.0000, 0.0000



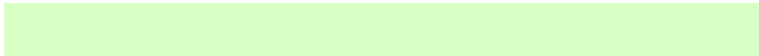
128.0000, -0.0000, -0.0000

Same Dimension

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



187.7200, -2.7480, -16.2840



237.5530, -4.0760, -25.2600



184.8160, -11.8260, -16.9620



96.1800, -0.6870, -4.0710



111.8270, -12.6410, -73.8010



24.7200, -2.7480, -16.2840

Inverse Universe

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



174.2800, 2.7480, 16.2840



216.4470, 4.0760, 25.2600



177.1840, 11.8260, 16.9620



92.8200, 0.6870, 4.0710



51.1730, 12.6410, 73.8010



11.2800, 2.7480, 16.2840

Previews

White Background



This preview shows how the YIQ color 187.7200, -2.7480, -16.2840 looks on a white background.

Color Contrast Check

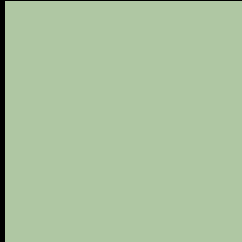
Large Text (above 18pt) WCAG AA × Fail

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 187.7200, -2.7480, -16.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

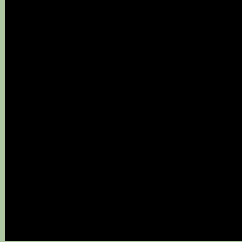
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.7200, -2.7480, -16.2840

Background



This preview shows how black text looks on a background with the YIQ color 187.7200, -2.7480, -16.2840.



This preview shows how white text looks on a background with the YIQ color 187.7200, -2.7480,

-16.2840.

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

187.7200, -2.7480, -16.2840

Protanopia

190.6410, 16.8280, -7.6200

Deuteranopia

192.4130, 26.6380, 1.8220



Tritanopia

191.4210, -11.3710, 2.3330

Trichromacy



Original Color

187.7200, -2.7480, -16.2840

Protanomaly

189.5260, 9.7220, -10.9980

Deuteranomaly

190.4500, 16.0480, -4.4960

Tritanomaly

189.8740, -8.5730, -4.3250

Monochromacy



Original Color

187.7200, -2.7480, -16.2840

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8270, -1.1910, -5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7200, -2.7480, -16.2840 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(175, 199, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 163)  
}
```

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(175, 199, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 163) }
```

Border

The CSS property to change the border of an element to YIQ 187.7200, -2.7480, -16.2840 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(175, 199, 163) }
```


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

```
.border{ border-color:rgb(175, 199, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7200, -2.7480, -16.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 163) }
```

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

```
.background{ background-color: rgb(175,  
199, 163) }
```

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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