

Converting Colors

YIQ(187.0120, 7.7530, -24.8790)

Have a look what the booklet for
YIQ(187.0120, 7.7530, -24.8790)
contains.

YIQ(187.0120, 7.7530, -24.8790)	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(187.0120, 7.7530,
-24.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C988
RGB	179, 201, 136
RGB Percent	70%, 79%, 53%
CMY	0.2981, 0.2117, 0.4666
CMYK	0.11, 0.00, 0.32, 0.21
HSL	80°, 38%, 66%
HSV	80°, 32%, 79%
XYZ	43.9191, 53.1366, 31.2419
YIQ	187.0120, 7.7530, -24.8790

Conversions

Conversions Part 2

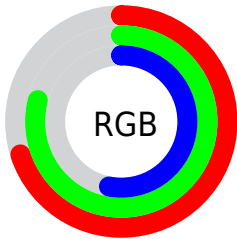
Format	Color
RYB	136, 201, 158
Decimal	11782536
CIELab	77.96, -18.43, 30.08
CIELCh	78, 35.275, 121.495
Yxy	53.1366, 0.3423, 0.4142
Android (android.graphics.Color)	4289972616 (0xFFB3C988)
YUV	187.0120, -25.1489, -7.0265
Hunter-Lab	72.8948, -20.0198, 25.6154

Details

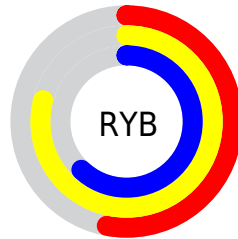
The YIQ color $187.0120, 7.7530, -24.8790$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $149.9880, -7.7530, 24.8790$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.6100, 8.9450, -24.4550$, and $133.3540, 6.7900, -23.9460$ is the 20% darker color. If you saturate the color by 10%, you get $182.6390, 10.0010, -32.5830$, and if you desaturate by 10%, it is $191.3850, 5.5050, -17.1750$.

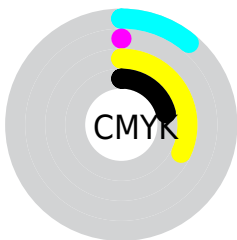
Distribution



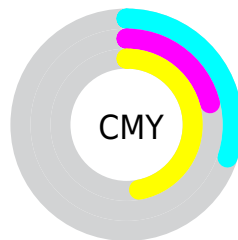
- Red (70%)
- Green (79%)
- Blue (53%)



- Red (53%)
- Yellow (79%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0120, 7.7530, -24.8790 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 187.0120, 7.7530, -24.8790 by changing the saturation by 10% instead.

■ 187.0120, 7.7530,
-24.8790

■ 187.0120, 7.7530,
-24.8790

■ 255.0000, -0.0000,
-0.0000

■ 160.1260, 7.4320,
-24.5680

■ 241.6100, 8.9450,
-24.4550

■ 133.3540, 6.7900,
-23.9460

■ 250.7820, 11.8770,
-11.5070

■ 107.8810, 6.7440,
-23.1120

■ 254.0880, 2.5680,
-2.4880

■ 83.1090, 6.1020,
-22.4900

■ 59.8100, 5.5060,
-22.7020

■ 38.3200, 4.1300,
-19.7900

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 187.0120, 7.7530,
-24.8790

■ 187.0120, 7.7530,
-24.8790

■ 182.6390, 10.0010,
-32.5830

■ 191.3850, 5.5050,
-17.1750

■ 178.2660, 12.2490,
-40.2870

■ 195.7580, 3.2570,
-9.4710

■ 174.1920, 15.0930,
-47.7790

■ 199.8320, 0.4130,
-1.9790

■ 169.8190, 17.3410,
-55.4830

■ 204.2050, -1.8350,
5.7250

■ 165.4460, 19.5890,
-63.1870

■ 208.6920, -4.4040,
13.7400

■ 160.9590, 22.1580,
-71.2020

■ 212.8370, -6.0100,
20.8220

■ 157.7540, 23.9930,
-76.9270

■ 214.9300, -1.8380,
22.3060

■ 217.0230, 2.3340,
23.7900

■ 218.8170, 5.9100,
25.0620

Harmonies

Analogous

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



190.5810, 34.2520, -15.0280



187.0120, 7.7530, -24.8790



182.4950, -24.5240, -29.1320

Triad

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



187.0120, 7.7530, -24.8790



178.9310, -74.6410, -7.4170



196.7490, 44.1480, 25.9080

Complementary

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



187.0120, 7.7530, -24.8790



149.9880, -7.7530, 24.8790

Split Complementary

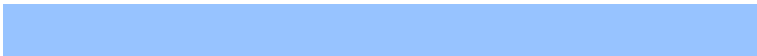
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.7650, 20.8560, 29.5280



187.0120, 7.7530, -24.8790



188.6840, -45.4840, 9.3320

Square

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



187.0120, 7.7530, -24.8790



173.2530, -82.0200, -22.3720



195.8950, -11.9250, 23.3950



194.8620, 53.5950, 14.3870

Rectangle

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



187.0120, 7.7530, -24.8790



178.4030, -47.6320, -28.8480



195.8950, -11.9250, 23.3950



197.3940, 37.9580, 27.9580

Sweetspot

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



187.0120, 7.7530, -24.8790



249.4590, 2.6610, -9.6830



168.3490, 32.6900, 2.2740



124.3820, 1.5600, -6.2480



0.0000, 0.0000, 0.0000



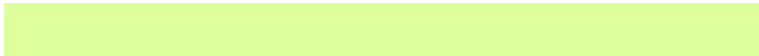
128.0000, -0.0000, -0.0000

Same Dimension

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



187.0120, 7.7530, -24.8790



233.5480, 11.5150, -37.9970



177.4440, -11.3190, -31.6630



97.0770, 1.1010, -3.4350



127.9730, 19.5430, -62.3530



28.3080, 4.4040, -13.7400

Inverse Universe

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



149.9880, -7.7530, 24.8790



177.1530, -12.1110, 37.7850



159.5560, 11.3190, 31.6630



91.9230, -1.1010, 3.4350



35.0270, -19.5430, 62.3530



7.6920, -4.4040, 13.7400

Previews

White Background



This preview shows how the YIQ color 187.0120, 7.7530, -24.8790 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 187.0120, 7.7530, -24.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

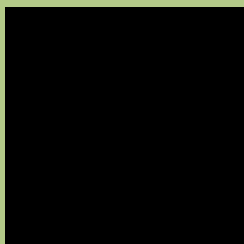
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

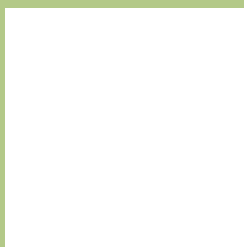
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.0120, 7.7530, -24.8790

Background



This preview shows how black text looks on a background with the YIQ color 187.0120, 7.7530, -24.8790.



This preview shows how white text looks on a background with the YIQ color 187.0120, 7.7530,

-24.8790.

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

187.0120, 7.7530, -24.8790

Protanopia

189.9440, 28.7960, -15.2680

Deuteranopia

192.1400, 40.3480, -4.3560



Tritanopia

192.8130, -6.6030, 4.0290

Trichromacy



Original Color

187.0120, 7.7530, -24.8790

Protanomaly

188.5300, 21.0940, -18.8580

Deuteranomaly

190.1660, 28.2910, -11.6210

Tritanomaly

190.4140, -1.4660, -6.4740

Monochromacy



Original Color

187.0120, 7.7530, -24.8790

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8720, 2.9360, -9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0120, 7.7530, -24.8790 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(179, 201, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 136)  
}
```

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(179, 201, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 136) }
```

Border

The CSS property to change the border of an element to YIQ 187.0120, 7.7530, -24.8790 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(179, 201, 136) }
```


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

```
.border{ border-color:rgb(179, 201, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 201, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 201, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 201, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 201,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0120, 7.7530, -24.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 136) }
```

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

```
.background{ background-color: rgb(179,  
201, 136) }
```

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