

Converting Colors

YIQ(187.6750, 10.3200,
-21.8400)

Have a look what the booklet for
YIQ(187.6750, 10.3200, -21.8400)
contains.

YIQ(187.6750, 10.3200, -21.8400)	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(187.6750, 10.3200,
-21.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C78B
RGB	184, 199, 139
RGB Percent	72%, 78%, 55%
CMY	0.2785, 0.2196, 0.4548
CMYK	0.08, 0.00, 0.30, 0.22
HSL	75°, 35%, 66%
HSV	75°, 30%, 78%
XYZ	44.8494, 52.9025, 32.2820
YIQ	187.6750, 10.3200, -21.8400

Conversions

Conversions Part 2

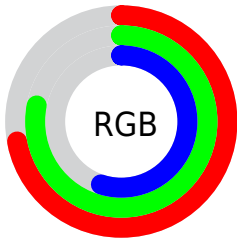
Format	Color
RYB	139, 199, 154
Decimal	12109707
CIELab	77.82, -15.12, 28.39
CIElCh	78, 32.169, 118.041
Yxy	52.9025, 0.3449, 0.4068
Android (android.graphics.Color)	4290299787 (0xFFB8C78B)
YUV	187.6750, -23.9968, -3.2230
Hunter-Lab	72.7341, -17.2177, 24.5988

Details

The YIQ color $187.6750, 10.3200, -21.8400$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $150.3250, -10.3200, 21.8400$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7460, 11.5580, -22.2500$, and $134.0170, 9.3570, -20.9070$ is the 20% darker color. If you saturate the color by 10%, you get $183.9000, 13.7600, -29.1200$, and if you desaturate by 10%, it is $191.4500, 6.8800, -14.5600$.

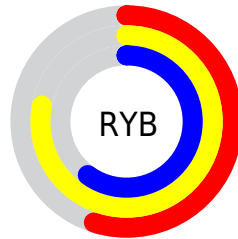
Distribution



Red (72%)

Green (78%)

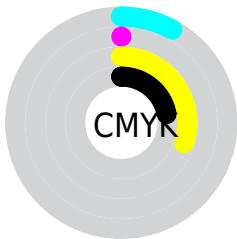
Blue (55%)



Red (55%)

Yellow (78%)

Blue (60%)

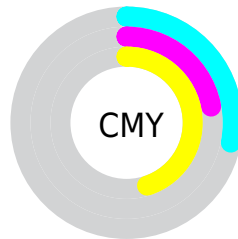


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (28%)

Magenta (22%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.6750, 10.3200, -21.8400 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 187.6750, 10.3200, -21.8400 by changing the saturation by 10% instead.

■ 187.6750, 10.3200,
-21.8400

■ 187.6750, 10.3200,
-21.8400

255.0000, -0.0000,
-0.0000

■ 160.7890, 9.9990,
-21.5290

■ 243.7460, 11.5580,
-22.2500

■ 134.0170, 9.3570,
-20.9070

■ 251.1240, 10.9140,
-10.5740

■ 108.5440, 9.3110,
-20.0730

■ 254.4300, 1.6050,
-1.5550

■ 84.3590, 8.3940,
-19.9740

■ 60.5870, 7.7520,
-19.3520

■ 38.3420, 7.0640,
-17.8960

■ 17.9310, -4.7200,

-13.5840

0.0000, 0.0000,
0.0000

187.6750, 10.3200,
-21.8400

187.6750, 10.3200,
-21.8400

183.9000, 13.7600,
-29.1200

191.4500, 6.8800,
-14.5600

180.1250, 17.2000,
-36.4000

195.2250, 3.4400,
-7.2800

176.3500, 20.6400,
-43.6800


199.0000, -0.0000,
0.0000


172.5750, 24.0800,
-50.9600

202.7750, -3.4400,
7.2800


168.9140, 27.1990,
-57.9290

206.5500, -6.8800,
14.5600

 165.1390, 30.6390,
-65.2090

 209.8690, -9.0360,
20.5960

 161.3640, 34.0790,
-72.4890

 211.3640, -6.0560,
21.6560

 212.8590, -3.0760,
22.7160

 214.3540, -0.0960,
23.7760

Harmonies

Analogous

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



190.9770, 33.1970, -12.4270



187.6750, 10.3200, -21.8400



183.7130, -19.2060, -26.3900

Triad

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



187.6750, 10.3200, -21.8400



180.5250, -67.6260, -7.8980



196.4710, 39.0590, 24.5230

Complementary

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



187.6750, 10.3200, -21.8400



150.3250, -10.3200, 21.8400

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.



197.3190, 16.1800, 26.1640



187.6750, 10.3200, -21.8400



188.8150, -44.4750, 7.5650

Square

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



187.6750, 10.3200, -21.8400



176.3640, -69.0910, -19.8990



194.5310, -13.8960, 20.5680



195.2360, 49.6060, 15.0940

Rectangle

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



187.6750, 10.3200, -21.8400



180.4750, -38.9670, -26.1910



194.5310, -13.8960, 20.5680



196.8170, 32.2730, 26.3610

Sweetspot

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



187.6750, 10.3200, -21.8400



250.5840, 3.8070, -8.4250



165.7450, 31.6350, 4.8750



125.0940, 2.4310, -5.5130



0.0000, 0.0000, 0.0000



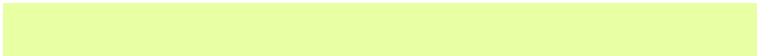
128.0000, -0.0000, -0.0000

Same Dimension

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



187.6750, 10.3200, -21.8400



237.6350, 15.8240, -33.4880



178.7050, -7.5600, -28.2000



97.3760, 1.6970, -3.2230



132.1590, 27.8870, -59.3850



29.2050, 6.1920, -13.1040

Inverse Universe

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



150.3250, -10.3200, 21.8400



180.3650, -15.8240, 33.4880



159.2950, 7.5600, 28.2000



91.6240, -1.6970, 3.2230



30.8410, -27.8870, 59.3850



6.7950, -6.1920, 13.1040

Previews

White Background



This preview shows how the YIQ color 187.6750, 10.3200, -21.8400 looks on a white background.

Color Contrast Check

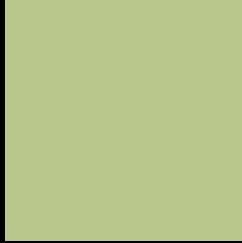
Large Text (above 18pt) WCAG AA × Fail

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 187.6750, 10.3200, -21.8400 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

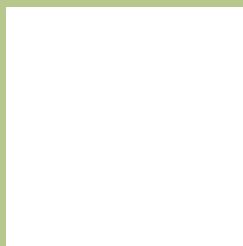
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.6750, 10.3200, -21.8400

Background



This preview shows how black text looks on a background with the YIQ color 187.6750, 10.3200, -21.8400.



This preview shows how white text looks on a background with the YIQ color 187.6750, 10.3200, -21.8400.

-21.8400.

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

187.6750, 10.3200, -21.8400

Protanopia

190.1010, 26.9160, -14.2360

Deuteranopia

192.0690, 39.1100, -3.9460



Tritanopia

193.3080, -3.6230, 5.0890

Trichromacy



Original Color

187.6750, 10.3200, -21.8400

Protanomaly

189.5840, 21.0020, -17.1900

Deuteranomaly

190.1060, 28.5200, -10.2640

Tritanomaly

191.4360, 1.4680, -4.5800

Monochromacy



Original Color

187.6750, 10.3200, -21.8400

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9970, 4.0820, -7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6750, 10.3200, -21.8400 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(184, 199, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 139)  
}
```

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(184, 199, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 139) }
```

Border

The CSS property to change the border of an element to YIQ 187.6750, 10.3200, -21.8400 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(184, 199, 139) }
```


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

```
.border{ border-color:rgb(184, 199, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 139);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6750, 10.3200, -21.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 139) }
```

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

```
.background{ background-color: rgb(184,  
199, 139) }
```

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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