

Converting Colors

YIQ(186.2800, 10.7750, -2.5450)

Have a look what the booklet for
YIQ(186.2800, 10.7750, -2.5450)
contains.

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Color

**YIQ(186.2800, 10.7750,
-2.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B9AA
RGB	195, 185, 170
RGB Percent	76%, 73%, 67%
CMY	0.2353, 0.2745, 0.3333
CMYK	0.00, 0.05, 0.13, 0.24
HSL	36°, 17%, 72%
HSV	36°, 13%, 76%
XYZ	47.1117, 49.2015, 45.0509
YIQ	186.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

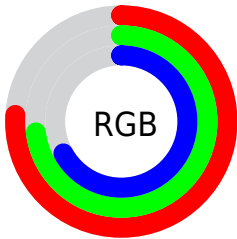
Format	Color
RYB	187, 195, 170
Decimal	12827050
CIELab	75.58, 0.97, 8.86
CIELCh	76, 8.913, 83.724
Yxy	49.2015, 0.3333, 0.3480
Android (android.graphics.Color)	4291017130 (0xFFC3B9AA)
YUV	186.2800, -8.0260, 7.6474
Hunter-Lab	70.1438, -2.8631, 11.0208

Details

The YIQ color $186.2800, 10.7750, -2.5450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $178.7200, -10.7750, 2.5450$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.4650, 11.6920, -2.6440$, and $133.0950, 9.8580, -2.4460$ is the 20% darker color. If you saturate the color by 10%, you get $179.4180, 19.0740, -4.2700$, and if you desaturate by 10%, it is $193.2560, 2.1550, -0.5090$.

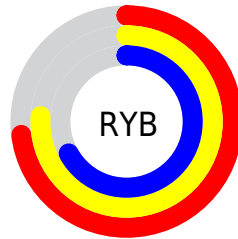
Distribution



Red (76%)

Green (73%)

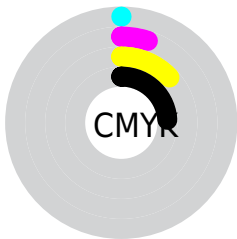
Blue (67%)



Red (73%)

Yellow (76%)

Blue (67%)

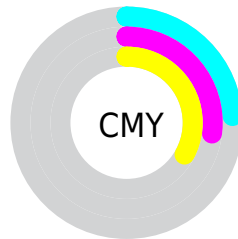


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.2800, 10.7750, -2.5450 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 186.2800, 10.7750, -2.5450 by changing the saturation by 10% instead.

■ 186.2800, 10.7750,
-2.5450

■ 186.2800, 10.7750,
-2.5450

255.0000, -0.0000,
-0.0000

■ 159.3940, 10.4540,
-2.2340

■ 242.4650, 11.6920,
-2.6440

■ 133.0950, 9.8580,
-2.4460

254.8860, 0.3210,
-0.3110

■ 108.0950, 9.8580,
-2.4460

■ 83.9100, 8.9410,
-2.3470

■ 60.6110, 8.3450,
-2.5590

■ 38.7250, 8.0240,
-2.2480

■ 17.7530, 10.8210,

-3.3790

■ 0.0000, 0.0000,
0.0000

■ 186.2800, 10.7750,
-2.5450

■ 186.2800, 10.7750,
-2.5450

■ 179.4180, 19.0740,
-4.2700

■ 193.2560, 2.1550,
-0.5090

■ 172.4420, 27.6940,
-6.3060

■ 200.1180, -6.1440,
1.2160

■ 166.1670, 35.7180,
-8.5540

■ 206.5070,
-14.4890, 3.7750

■ 159.1910, 44.3380,
-10.5900

■ 213.3690,
-22.7880, 5.5000

■ 152.3290, 52.6370,
-12.3150

■ 218.8630,
-27.2350, 3.4930

■ 145.3530, 61.2570,
-14.3510

■ 223.5590,
-29.4350, -0.6910

■ 138.4910, 69.5560,
-16.0760

■ 228.2550,
-31.6350, -4.8750

■ 132.1020, 77.9010,
-18.6350

■ 232.3640,
-33.5600, -8.5360

■ 126.9840, 84.0450,
-19.8510

■ 237.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



187.5410, 14.5340, 0.9180



186.2800, 10.7750, -2.5450



185.4640, 4.2650, -5.7110

Triad

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



186.2800, 10.7750, -2.5450



183.6390, -15.2210, -4.9890



187.4830, 3.2540, 7.1100

Complementary

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



186.2800, 10.7750, -2.5450



178.7200, -10.7750, 2.5450

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.



187.1230, -4.5400, 5.1880



186.2800, 10.7750, -2.5450



184.4480, -16.0010, -1.8650

Square

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



186.2800, 10.7750, -2.5450



183.6240, -10.8650, -6.8410



185.4210, -11.3710, 2.3330



188.0770, 10.2690, 6.6290

Rectangle

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



186.2800, 10.7750, -2.5450



184.3000, -1.1450, -6.7850



185.4210, -11.3710, 2.3330



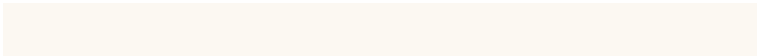
187.4010, 0.5490, 6.5730

Sweetspot

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



186.2800, 10.7750, -2.5450



248.5120, 4.3100, -1.0180



178.6150, 11.6900, 8.4100



125.4410, 3.0720, -0.6080



0.0000, 0.0000, 0.0000



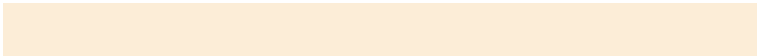
128.0000, -0.0000, -0.0000

Same Dimension

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



186.2800, 10.7750, -2.5450



238.9770, 16.0020, -3.6620



191.5520, 6.8330, -8.1990



93.5120, 4.3100, -1.0180



104.4910, 69.5560, -16.0760



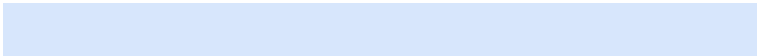
21.6070, 14.1680, -3.4640

Inverse Universe

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



178.7200, -10.7750, 2.5450



228.0230, -16.0020, 3.6620



173.4480, -6.8330, 8.1990



90.4880, -4.3100, 1.0180



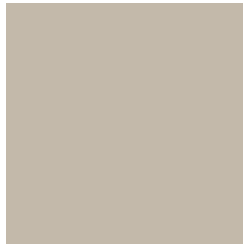
55.9220, -69.2810, 16.5990



11.3930, -14.1680, 3.4640

Previews

White Background



This preview shows how the YIQ color 186.2800, 10.7750, -2.5450 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 186.2800, 10.7750, -2.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

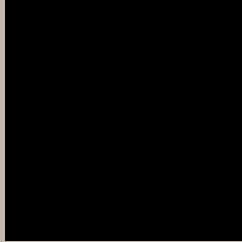
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.2800, 10.7750, -2.5450

Background



This preview shows how black text looks on a background with the YIQ color 186.2800, 10.7750, -2.5450.



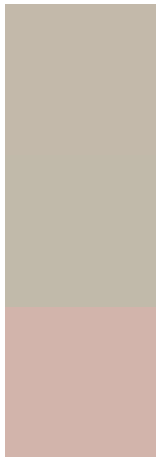
This preview shows how white text looks on a background with the YIQ color 186.2800, 10.7750,

-2.5450.

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

186.2800, 10.7750, -2.5450

Protanopia

186.2690, 9.3080, -3.4920

Deuteranopia

187.9440, 20.7690, 3.5610



Tritanopia

187.6790, 5.6380, 7.9580

Trichromacy



Original Color

186.2800, 10.7750, -2.5450

Protanomaly

186.5680, 9.9040, -3.2800

Deuteranomaly

187.6230, 17.2390, 1.4550

Tritanomaly

186.9410, 7.6560, 4.4240

Monochromacy



Original Color

186.2800, 10.7750, -2.5450

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.2800, 10.7750, -2.5450 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(195, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 170)  
}
```

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(195, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 170) }
```

Border

The CSS property to change the border of an element to YIQ 186.2800, 10.7750, -2.5450 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(195, 185, 170) }
```


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

```
.border{ border-color:rgb(195, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 186.2800, 10.7750, -2.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 170) }
```

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

```
.background{ background-color: rgb(195,  
185, 170) }
```

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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