

Converting Colors

YIQ(187.8060, 20.4970,
-13.5430)

Have a look what the booklet for
YIQ(187.8060, 20.4970, -13.5430)
contains.

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Color

**YIQ(187.8060, 20.4970,
-13.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BF8E
RGB	199, 191, 142
RGB Percent	78%, 75%, 56%
CMY	0.2196, 0.2510, 0.4430
CMYK	0.00, 0.04, 0.29, 0.22
HSL	52°, 34%, 67%
HSV	52°, 29%, 78%
XYZ	47.0672, 51.3557, 33.0351
YIQ	187.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

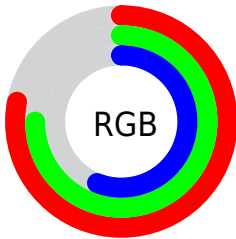
Format	Color
RYB	151, 199, 142
Decimal	13090702
CIELab	76.89, -4.83, 25.77
CIELCh	77, 26.220, 100.613
Yxy	51.3557, 0.3580, 0.3907
Android (android.graphics.Color)	4291280782 (0xFFC7BF8E)
YUV	187.8060, -22.5824, 9.8171
Hunter-Lab	71.6629, -8.1737, 22.8326

Details

The YIQ color $187.8060, 20.4970, -13.5430$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.1940, -20.4970, 13.5430$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.5780, 21.1390, -14.1650$, and $134.4360, 18.6630, -13.3450$ is the 20% darker color. If you saturate the color by 10%, you get $183.7650, 27.7420, -18.1940$, and if you desaturate by 10%, it is $191.8470, 13.2520, -8.8920$.

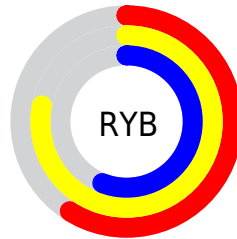
Distribution



Red (78%)

Green (75%)

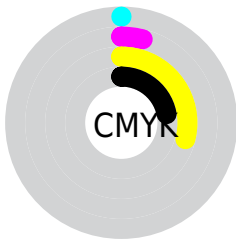
Blue (56%)



Red (59%)

Yellow (78%)

Blue (56%)

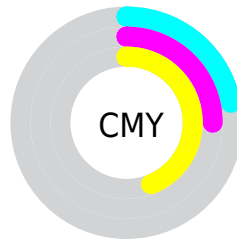


Cyan (0%)

Magenta (4%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8060, 20.4970, -13.5430 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 187.8060, 20.4970, -13.5430 by changing the saturation by 10% instead.

■ 187.8060, 20.4970,
-13.5430

■ 187.8060, 20.4970,
-13.5430

255.0000, -0.0000,
-0.0000

■ 160.6210, 19.5800,
-13.4440

■ 243.5780, 21.1390,
-14.1650

■ 134.4360, 18.6630,
-13.3450

■ 251.4660, 9.9510,
-9.6410

■ 108.6640, 18.0210,
-12.7230

■ 254.7720, 0.6420,
-0.6220

■ 84.4790, 17.1040,
-12.6240

■ 60.9950, 15.5910,
-12.7370

■ 38.9950, 15.5910,
-12.7370

■ 20.0790, 6.7870,

-7.3650

■ 0.0000, 0.0000,
0.0000

■ 187.8060, 20.4970,
-13.5430

■ 187.8060, 20.4970,
-13.5430

■ 183.7650, 27.7420,
-18.1940

■ 191.8470, 13.2520,
-8.8920

■ 179.7240, 34.9870,
-22.8450

■ 195.8880, 6.0070,
-4.2410

■ 176.2700, 41.9570,
-28.0190

■ 199.3420, -0.9630,
0.9330

■ 172.2290, 49.2020,
-32.6700

■ 203.3830, -8.2080,
5.5840

■ 168.3020, 56.1260,
-37.0100

■ 207.4240,
-15.4530, 10.2350

■ 164.2610, 63.3710,
-41.6610

■ 210.6670,
-20.4510, 12.7090

■ 160.2200, 70.6160,
-46.3120

■ 212.4280,
-21.2760, 11.1400

■ 159.8780, 71.5790,
-47.2450

■ 213.6020,
-21.8260, 10.0940

■ 215.3630,
-22.6510, 8.5250

Harmonies

Analogous

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



190.3290, 35.4420, -3.5500



187.8060, 20.4970, -13.5430



184.9820, -0.7300, -19.8180

Triad

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



187.8060, 20.4970, -13.5430



179.9470, -54.3750, -11.2630



193.7940, 21.9120, 21.4000

Complementary

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



187.8060, 20.4970, -13.5430



153.1940, -20.4970, 13.5430

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.



193.4200, -0.4620, 19.3940



187.8060, 20.4970, -13.5430



184.2890, -46.1700, -0.2660

Square

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



187.8060, 20.4970, -13.5430



179.3960, -45.7540, -18.8260



189.3890, -25.5400, 11.3240



193.1730, 36.7220, 17.3140

Rectangle

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



187.8060, 20.4970, -13.5430



182.5440, -17.0520, -21.3720



189.3890, -25.5400, 11.3240



194.0860, 15.2180, 21.5700

Sweetspot

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



187.8060, 20.4970, -13.5430



250.6170, 8.2080, -5.5840



160.0690, 31.0830, 14.8830



125.1160, 5.3650, -3.6190



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.



187.8060, 20.4970, -13.5430



238.0380, 31.2270, -20.7810



186.5220, 6.3770, -21.9670



97.3870, 3.1640, -2.2760



130.9170, 58.6480, -38.6640



28.9610, 12.9310, -8.5810

Inverse Universe

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



153.1940, -20.4970, 13.5430



184.9620, -31.2270, 20.7810



154.4780, -6.3770, 21.9670



91.6130, -3.1640, 2.2760



32.0830, -58.6480, 38.6640



7.0390, -12.9310, 8.5810

Previews

White Background



This preview shows how the YIQ color 187.8060, 20.4970, -13.5430 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 187.8060, 20.4970, -13.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

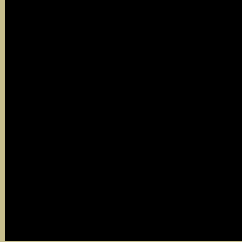
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8060, 20.4970, -13.5430

Background



This preview shows how black text looks on a background with the YIQ color 187.8060, 20.4970, -13.5430.



This preview shows how white text looks on a background with the YIQ color 187.8060, 20.4970,

-13.5430.

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

187.8060, 20.4970, -13.5430

Protanopia

188.3010, 23.4770, -12.4830

Deuteranopia

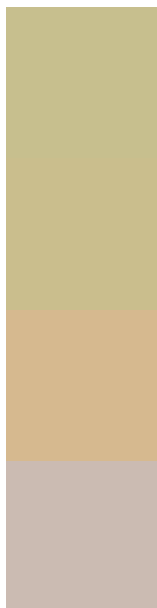
189.9270, 36.6340, -3.1260



Tritanopia

192.1740, 8.6180, 9.0180

Trichromacy



Original Color

187.8060, 20.4970, -13.5430

Protanomaly

188.0020, 22.8810, -12.6950

Deuteranomaly

188.8830, 30.7660, -6.9140

Tritanomaly

190.7580, 12.4250, 0.5930

Monochromacy



Original Color

187.8060, 20.4970, -13.5430

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8450, 7.5660, -4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8060, 20.4970, -13.5430 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(199, 191, 142)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 142)  
}
```

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(199, 191, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 142) }
```

Border

The CSS property to change the border of an element to YIQ 187.8060, 20.4970, -13.5430 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(199, 191, 142) }
```


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

```
.border{ border-color:rgb(199, 191, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8060, 20.4970, -13.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 142) }
```

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

```
.background{ background-color: rgb(199,  
191, 142) }
```

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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