

Converting Colors

YIQ(187.1620, 7.7510, -13.8250)

Have a look what the booklet for
YIQ(187.1620, 7.7510, -13.8250)
contains.

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Color

**YIQ(187.1620, 7.7510,
-13.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC29B
RGB	186, 194, 155
RGB Percent	73%, 76%, 61%
CMY	0.2706, 0.2392, 0.3921
CMYK	0.04, 0.00, 0.20, 0.24
HSL	72°, 24%, 68%
HSV	72°, 20%, 76%
XYZ	45.4572, 51.3898, 38.5406
YIQ	187.1620, 7.7510, -13.8250

Conversions

Conversions Part 2

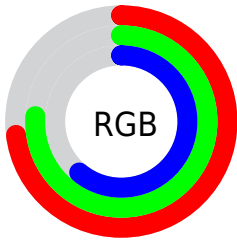
Format	Color
RYB	155, 194, 163
Decimal	12239515
CIELab	76.91, -9.48, 18.72
CIELCh	77, 20.985, 116.857
Yxy	51.3898, 0.3358, 0.3796
Android (android.graphics.Color)	4290429595 (0xFFBAC29B)
YUV	187.1620, -15.8559, -1.0191
Hunter-Lab	71.6867, -12.2631, 18.3049

Details

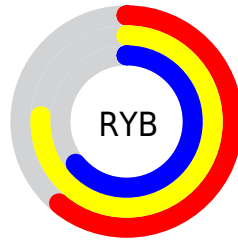
The YIQ color $187.1620, 7.7510, -13.8250$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $161.8380, -7.7510, 13.8250$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.0480, 8.0720, -14.1360$, and $133.8030, 7.3840, -12.6800$ is the 20% darker color. If you saturate the color by 10%, you get $183.8000, 11.4660, -20.5820$, and if you desaturate by 10%, it is $190.5240, 4.0360, -7.0680$.

Distribution



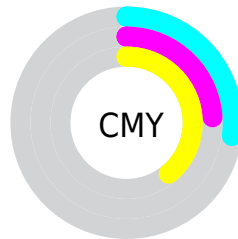
- Red (73%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1620, 7.7510, -13.8250 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 187.1620, 7.7510, -13.8250 by changing the saturation by 10% instead.

■ 187.1620, 7.7510,
-13.8250

■ 187.1620, 7.7510,
-13.8250

255.0000, -0.0000,
-0.0000

■ 160.2760, 7.4300,
-13.5140

■ 243.0480, 8.0720,
-14.1360

■ 133.8030, 7.3840,
-12.6800

■ 253.0620, 5.4570,
-5.2870

■ 108.5040, 6.7880,
-12.8920

■ 84.0310, 6.7420,
-12.0580

■ 60.8460, 5.8250,
-11.9590

■ 38.9600, 5.5040,
-11.6480

■ 18.8610, 1.4690,

-10.1070

0.0000, 0.0000,
0.0000

187.1620, 7.7510,
-13.8250

187.1620, 7.7510,
-13.8250

183.8000, 11.4660,
-20.5820

190.5240, 4.0360,
-7.0680

180.3240, 15.5020,
-27.6500

194.0000, -0.0000,
0.0000

176.9620, 19.2170,
-34.4070

197.3620, -3.7150,
6.7570

173.4860, 23.2530,
-41.4750

200.8380, -7.7510,
13.8250

170.1240, 26.9680,
-48.2320

204.2000,
-11.4660, 20.5820

■ 166.7620, 30.6830,
-54.9890

■ 205.7380,
-10.0450, 22.3630

■ 163.2860, 34.7190,
-62.0570

■ 206.9340, -7.6610,
23.2110

■ 159.9240, 38.4340,
-68.8140

■ 208.1300, -5.2770,
24.0590

■ 209.3260, -2.8930,
24.9070

Harmonies

Analogous

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



189.4630, 23.2010, -7.4790



187.1620, 7.7510, -13.8250



185.0010, -10.9090, -17.0610

Triad

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



187.1620, 7.7510, -13.8250



184.5900, -39.8880, -3.9840



193.1870, 24.9390, 16.0990

Complementary

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



187.1620, 7.7510, -13.8250



161.8380, -7.7510, 13.8250

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.



193.4010, 9.7170, 16.6370



187.1620, 7.7510, -13.8250



188.0310, -27.6480, 5.4720

Square

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



187.1620, 7.7510, -13.8250



182.5480, -40.0700, -11.7020



191.8270, -9.2180, 12.8780



192.3910, 32.8720, 9.9920

Rectangle

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



187.1620, 7.7510, -13.8250



183.0690, -22.7840, -16.6080



191.8270, -9.2180, 12.8780



193.5610, 20.9500, 16.8060

Sweetspot

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



187.1620, 7.7510, -13.8250



249.3930, 3.0270, -5.3010



171.3570, 21.0440, 4.0840



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



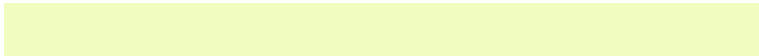
128.0000, -0.0000, -0.0000

Same Dimension

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



187.1620, 7.7510, -13.8250



241.5720, 12.1080, -21.2040



181.4810, -3.5730, -17.8530



95.2620, 2.0180, -3.5340



132.7790, 32.0130, -57.0670



27.1450, 6.4210, -11.7470

Inverse Universe

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



161.8380, -7.7510, 13.8250



202.4280, -12.1080, 21.2040



167.5190, 3.5730, 17.8530



88.7380, -2.0180, 3.5340



28.2210, -32.0130, 57.0670



5.8550, -6.4210, 11.7470

Previews

White Background



This preview shows how the YIQ color 187.1620, 7.7510, -13.8250 looks on a white background.

Color Contrast Check

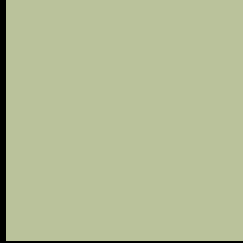
Large Text (above 18pt) WCAG AA × Fail

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 187.1620, 7.7510, -13.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

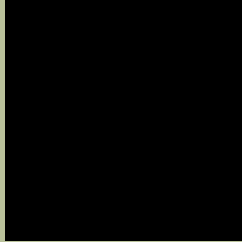
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

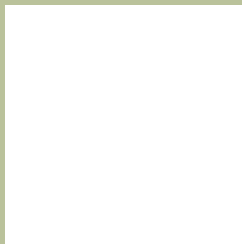
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.1620, 7.7510, -13.8250

Background



This preview shows how black text looks on a background with the YIQ color 187.1620, 7.7510, -13.8250.



This preview shows how white text looks on a background with the YIQ color 187.1620, 7.7510,

-13.8250.

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

187.1620, 7.7510, -13.8250

Protanopia

188.4840, 18.7080, -8.6520

Deuteranopia

190.2130, 30.0770, 0.0690



Tritanopia

191.0910, -1.5140, 5.4140

Trichromacy



Original Color

187.1620, 7.7510, -13.8250

Protanomaly

188.2770, 14.8570, -10.4470

Deuteranomaly

188.8590, 22.1460, -4.8780

Tritanomaly

189.4300, 1.6050, -1.5550

Monochromacy



Original Color

187.1620, 7.7510, -13.8250

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3930, 3.0270, -5.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1620, 7.7510, -13.8250 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(186, 194, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 155)  
}
```

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(186, 194, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 155) }
```

Border

The CSS property to change the border of an element to YIQ 187.1620, 7.7510, -13.8250 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(186, 194, 155) }
```


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

```
.border{ border-color:rgb(186, 194, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 194, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1620, 7.7510, -13.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 155) }
```

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

```
.background{ background-color: rgb(186,  
194, 155) }
```

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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