

Converting Colors

YIQ(187.6060, 6.7410, -6.5310)

Have a look what the booklet for
YIQ(187.6060, 6.7410, -6.5310)
contains.

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Color

**YIQ(187.6060, 6.7410,
-6.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBEA9
RGB	190, 190, 169
RGB Percent	75%, 75%, 66%
CMY	0.2549, 0.2549, 0.3372
CMYK	0.00, 0.00, 0.11, 0.25
HSL	60°, 14%, 70%
HSV	60°, 11%, 75%
XYZ	46.8103, 50.6386, 44.8486
YIQ	187.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

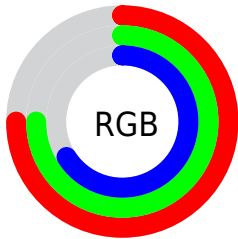
Format	Color
RYB	169, 190, 169
Decimal	12500649
CIELab	76.46, -3.68, 10.61
CIELCh	76, 11.225, 109.126
Yxy	50.6386, 0.3290, 0.3559
Android (android.graphics.Color)	4290690729 (0xFFBEBEA9)
YUV	187.6060, -9.1728, 2.0995
Hunter-Lab	71.1608, -7.1123, 12.4455

Details

The YIQ color $187.6060, 6.7410, -6.5310$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $171.3940, -6.7410, 6.5310$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4920, 7.0620, -6.8420$, and $134.7200, 6.4200, -6.2200$ is the 20% darker color. If you saturate the color by 10%, you get $185.4400, 12.8400, -12.4400$, and if you desaturate by 10%, it is $189.7720, 0.6420, -0.6220$.

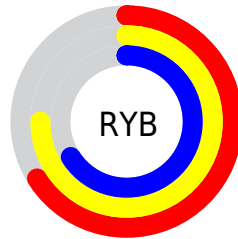
Distribution



Red (75%)

Green (75%)

Blue (66%)



Red (66%)

Yellow (75%)

Blue (66%)

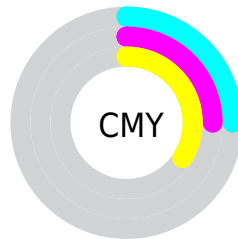


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.6060, 6.7410, -6.5310 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 187.6060, 6.7410, -6.5310 by changing the saturation by 10% instead.

■ 187.6060, 6.7410,
-6.5310

■ 187.6060, 6.7410,
-6.5310

■ 255.0000, -0.0000,
-0.0000

■ 160.7200, 6.4200,
-6.2200

■ 243.4920, 7.0620,
-6.8420

■ 134.7200, 6.4200,
-6.2200

■ 254.7720, 0.6420,
-0.6220

■ 108.8340, 6.0990,
-5.9090

■ 84.9480, 5.7780,
-5.5980

■ 61.6490, 5.1820,
-5.8100

■ 39.8770, 4.5400,
-5.1880

■ 18.9050, 7.3370,

-6.3190

■ 0.0000, 0.0000,
0.0000

■ 187.6060, 6.7410,
-6.5310

■ 187.6060, 6.7410,
-6.5310

■ 185.4400, 12.8400,
-12.4400

■ 189.7720, 0.6420,
-0.6220

■ 183.2740, 18.9390,
-18.3490

■ 191.9380, -5.4570,
5.2870

■ 181.1080, 25.0380,
-24.2580

■ 194.1040,
-11.5560, 11.1960

■ 178.9420, 31.1370,
-30.1670

■ 196.2700,
-17.6550, 17.1050

■ 176.7760, 37.2360,
-36.0760

■ 197.4100,
-20.8650, 20.2150

■ 174.6100, 43.3350,
-41.9850

■ 172.4440, 49.4340,
-47.8940

■ 170.2780, 55.5330,
-53.8030

■ 168.3400, 60.9900,
-59.0900

Harmonies

Analogous

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



189.0200, 14.4430, -2.9410



187.6060, 6.7410, -6.5310



186.4630, -3.1620, -8.7780

Triad

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



187.6060, 6.7410, -6.5310



185.8820, -20.2190, -2.5150



191.0280, 11.9650, 8.9330

Complementary

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



187.6060, 6.7410, -6.5310



171.3940, -6.7410, 6.5310

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.



190.5370, 3.1620, 8.7780



187.6060, 6.7410, -6.5310



187.9690, -15.9100, 1.9940

Square

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



187.6060, 6.7410, -6.5310



185.4320, -19.0720, -6.7840



189.0950, -7.3370, 6.3190



190.6710, 17.2840, 6.1480

Rectangle

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



187.6060, 6.7410, -6.5310



185.6410, -9.5350, -8.9190



189.0950, -7.3370, 6.3190



190.4730, 9.2140, 9.2300

Sweetspot

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



187.6060, 6.7410, -6.5310



246.2020, 2.2470, -2.1770



175.2790, 12.5160, 4.4520



124.4300, 1.6050, -1.5550



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



187.6060, 6.7410, -6.5310



243.3520, 10.2720, -9.9520



184.6160, 0.7810, -8.6510



92.9740, 2.8890, -2.7990



139.9880, 50.7180, -49.1380



27.4660, 9.9510, -9.6410

Inverse Universe

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



171.3940, -6.7410, 6.5310



218.6480, -10.2720, 9.9520



174.6830, -0.1850, 8.8630



86.0260, -2.8890, 2.7990



18.0120, -50.7180, 49.1380



3.5340, -9.9510, 9.6410

Previews

White Background



This preview shows how the YIQ color 187.6060, 6.7410, -6.5310 looks on a white background.

Color Contrast Check

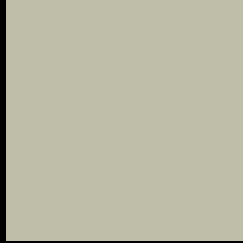
Large Text (above 18pt) WCAG AA × Fail

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 187.6060, 6.7410, -6.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

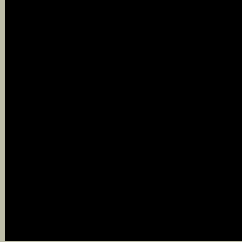
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.6060, 6.7410, -6.5310

Background



This preview shows how black text looks on a background with the YIQ color 187.6060, 6.7410, -6.5310.



This preview shows how white text looks on a background with the YIQ color 187.6060, 6.7410,

-6.5310.

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

187.6060, 6.7410, -6.5310

Protanopia

188.4110, 11.7840, -4.3120

Deuteranopia

190.0150, 22.0070, 3.1510



Tritanopia

189.4010, 0.5490, 6.5730

Trichromacy



Original Color

187.6060, 6.7410, -6.5310

Protanomaly

188.1010, 9.7210, -5.4710

Deuteranomaly

189.2700, 16.7350, -0.4250

Tritanomaly

189.0220, 2.9340, 1.8940

Monochromacy



Original Color

187.6060, 6.7410, -6.5310

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6060, 6.7410, -6.5310 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(190, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 169)  
}
```

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(190, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 169) }
```

Border

The CSS property to change the border of an element to YIQ 187.6060, 6.7410, -6.5310 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(190, 190, 169) }
```


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

```
.border{ border-color:rgb(190, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 190, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 190, 169); box-shadow:4px 4px 4px 4px rgb(190, 190, 169) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6060, 6.7410, -6.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 169) }
```

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

```
.background{ background-color: rgb(190,  
190, 169) }
```

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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