

Converting Colors

YIQ(187.1110, 3.7610, -7.5910)

Have a look what the booklet for
YIQ(187.1110, 3.7610, -7.5910)
contains.

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Color

**YIQ(187.1110, 3.7610,
-7.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFAA
RGB	186, 191, 170
RGB Percent	73%, 75%, 67%
CMY	0.2706, 0.2510, 0.3333
CMYK	0.03, 0.00, 0.11, 0.25
HSL	74°, 14%, 71%
HSV	74°, 11%, 75%
XYZ	46.1359, 50.6034, 45.3700
YIQ	187.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

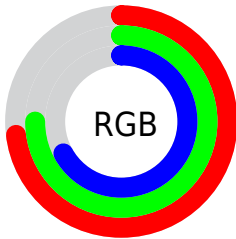
Format	Color
RYB	170, 191, 175
Decimal	12238762
CIELab	76.44, -5.49, 9.99
CIELCh	76, 11.403, 118.785
Yxy	50.6034, 0.3247, 0.3561
Android (android.graphics.Color)	4290428842 (0xFFBABFAA)
YUV	187.1110, -8.4357, -0.9743
Hunter-Lab	71.1361, -8.7205, 11.9806

Details

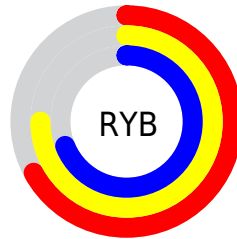
The YIQ color $187.1110, 3.7610, -7.5910$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $173.8890, -3.7610, 7.5910$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.9970, 4.0820, -7.9020$, and $134.2250, 3.4400, -7.2800$ is the 20% darker color. If you saturate the color by 10%, you get $183.4500, 6.8800, -14.5600$, and if you desaturate by 10%, it is $190.7720, 0.6420, -0.6220$.

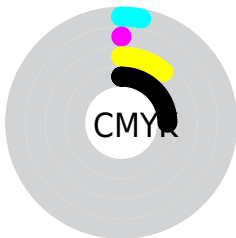
Distribution



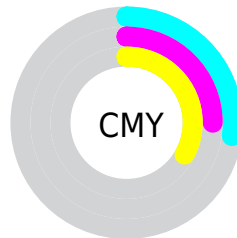
- Red (73%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1110, 3.7610, -7.5910 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 187.1110, 3.7610, -7.5910 by changing the saturation by 10% instead.

■ 187.1110, 3.7610,
-7.5910

■ 187.1110, 3.7610,
-7.5910

255.0000, -0.0000,
-0.0000

■ 160.2250, 3.4400,
-7.2800

■ 242.9970, 4.0820,
-7.9020

■ 134.2250, 3.4400,
-7.2800

254.8860, 0.3210,
-0.3110

■ 108.6380, 3.7150,
-6.7570

■ 84.4530, 2.7980,
-6.6580

■ 61.4530, 2.7980,
-6.6580

■ 39.5670, 2.4770,
-6.3470

■ 18.2960, 4.6780,

-7.6900

■ 0.0000, 0.0000,
0.0000

■ 187.1110, 3.7610,
-7.5910

■ 187.1110, 3.7610,
-7.5910

■ 183.4500, 6.8800,
-14.5600

■ 190.7720, 0.6420,
-0.6220

■ 180.0880, 10.5950,
-21.3170

■ 194.1340, -3.0730,
6.1350

■ 176.4270, 13.7140,
-28.2860

■ 197.7950, -6.1920,
13.1040

■ 173.0650, 17.4290,
-35.0430

■ 201.1570, -9.9070,
19.8610

■ 169.4040, 20.5480,
-42.0120

■ 203.6780, -9.8160,
23.7200

■ 165.9280, 24.5840,
-49.0800

■ 204.8740, -7.4320,
24.5680

■ 162.2670, 27.7030,
-56.0490

■ 206.3690, -4.4520,
25.6280

■ 158.9050, 31.4180,
-62.8060

■ 207.5650, -2.0680,
26.4760

■ 155.4720, 33.8950,
-69.1530

■ 209.0600, 0.9120,
27.5360

Harmonies

Analogous

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



188.7100, 12.3800, -4.1000



187.1110, 3.7610, -7.5910



186.0820, -6.4630, -9.5270

Triad

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



187.1110, 3.7610, -7.5910



186.7080, -19.6690, -1.4690



191.1700, 14.4410, 8.1130

Complementary

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



187.1110, 3.7610, -7.5910



173.8890, -3.7610, 7.5910

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.



190.6190, 5.8670, 9.3150



187.1110, 3.7610, -7.5910



188.2790, -13.8470, 3.1530

Square

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



187.1110, 3.7610, -7.5910



185.4750, -20.6310, -6.0630



189.5900, -4.3570, 7.3790



190.3290, 18.2470, 5.2150

Rectangle

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



187.1110, 3.7610, -7.5910



185.6730, -12.5610, -9.1450



189.5900, -4.3570, 7.3790



191.0280, 11.9650, 8.9330

Sweetspot

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



187.1110, 3.7610, -7.5910



245.9030, 1.6510, -2.3890



179.2140, 11.1410, 1.8370



124.1310, 1.0090, -1.7670



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.



187.1110, 3.7610, -7.5910



241.2590, 6.1000, -11.4360



184.1210, -2.1990, -9.7110



92.3760, 1.6970, -3.2230



128.6260, 28.0700, -57.1940



25.0740, 5.1830, -11.3370

Inverse Universe

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



173.8890, -3.7610, 7.5910



221.0400, -5.5040, 11.6480



176.8790, 2.1990, 9.7110



86.6240, -1.6970, 3.2230



29.3740, -28.0700, 57.1940



5.6270, -5.7790, 11.1250

Previews

White Background



This preview shows how the YIQ color 187.1110, 3.7610, -7.5910 looks on a white background.

Color Contrast Check

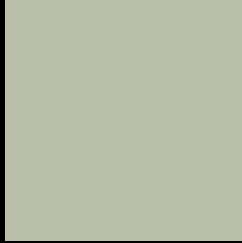
Large Text (above 18pt) WCAG AA × Fail

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 187.1110, 3.7610, -7.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

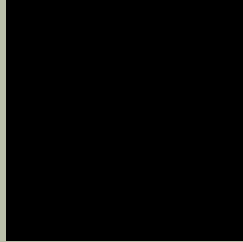
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

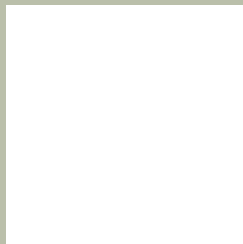
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.1110, 3.7610, -7.5910

Background



This preview shows how black text looks on a background with the YIQ color 187.1110, 3.7610, -7.5910.



This preview shows how white text looks on a background with the YIQ color 187.1110, 3.7610, -7.5910.

-7.5910.

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

187.1110, 3.7610, -7.5910

Protanopia

188.1120, 11.1880, -4.5240

Deuteranopia

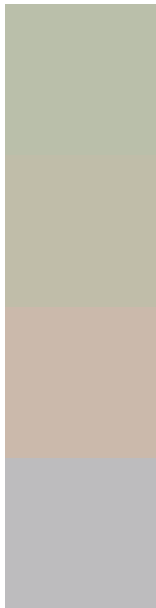
190.1290, 21.6860, 3.4620



Tritanopia

189.2050, -1.8350, 5.7250

Trichromacy



Original Color

187.1110, 3.7610, -7.5910

Protanomaly

187.6170, 8.2080, -5.5840

Deuteranomaly

188.7860, 15.2220, -0.5380

Tritanomaly

188.5270, -0.0460, 0.8340

Monochromacy



Original Color

187.1110, 3.7610, -7.5910

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9030, 1.6510, -2.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1110, 3.7610, -7.5910 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 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(186, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 170) }
```

Border

The CSS property to change the border of an element to YIQ 187.1110, 3.7610, -7.5910 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, 191, 170) }
```


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

```
.border{ border-color:rgb(186, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1110, 3.7610, -7.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 170) }
```

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

```
.background{ background-color: rgb(186,  
191, 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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