

Converting Colors

YIQ(187.0830, 61.7170,
-22.6910)

Have a look what the booklet for
YIQ(187.0830, 61.7170, -22.6910)
contains.

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Color

**YIQ(187.0830, 61.7170,
-22.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B950
RGB	232, 185, 80
RGB Percent	91%, 73%, 31%
CMY	0.0902, 0.2746, 0.6859
CMYK	0.00, 0.20, 0.65, 0.09
HSL	41°, 77%, 61%
HSV	41°, 65%, 91%
XYZ	52.0784, 52.4277, 14.9803
YIQ	187.0830, 61.7170, -22.6910

Conversions

Conversions Part 2

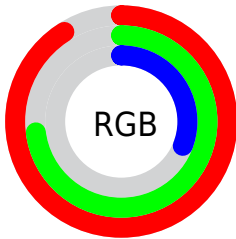
Format	Color
RYB	148, 232, 80
Decimal	15251792
CIELab	77.54, 5.97, 58.02
CIELCh	78, 58.327, 84.123
Yxy	52.4277, 0.4359, 0.4388
Android (android.graphics.Color)	4293441872 (0xFFE8B950)
YUV	187.0830, -52.7919, 39.3922
Hunter-Lab	72.4070, 1.6730, 38.4184

Details

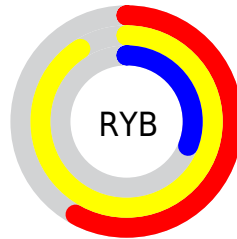
The YIQ color **187.0830, 61.7170, -22.6910** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **124.9170, -61.7170, 22.6910**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 43.0120, -30.6200**, and **131.9470, 59.1040, -24.8960** is the 20% darker color. If you saturate the color by 10%, you get **180.3520, 71.0250, -26.1830**, and if you desaturate by 10%, it is **193.8140, 52.4090, -19.1990**.

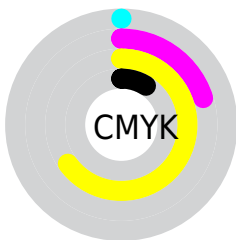
Distribution



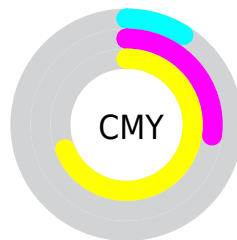
- Red (91%)
- Green (73%)
- Blue (31%)



- Red (58%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (65%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0830, 61.7170, -22.6910 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 187.0830, 61.7170, -22.6910 by changing the saturation by 10% instead.

187.0830, 61.7170,
-22.6910

187.0830, 61.7170,
-22.6910

255.0000, -0.0000,
-0.0000

159.1860, 59.9290,
-23.3270

232.8740, 43.0120,
-30.6200

131.9470, 59.1040,
-24.8960

244.2840, 30.1740,
-29.2340

105.8650, 56.3990,
-25.4330

247.4760, 21.1860,
-20.5260

83.4050, 46.3110,
-18.8170

250.6680, 12.1980,
-11.8180

61.5320, 35.9480,
-12.7240

253.9740, 2.8890,
-2.7990

41.1320, 25.6310,
-7.4650

21.9170, 16.2310,

-2.3050

■ 0.0000, 0.0000,
0.0000

■ 187.0830, 61.7170,
-22.6910

■ 187.0830, 61.7170,
-22.6910

■ 180.3520, 71.0250,
-26.1830

■ 193.8140, 52.4090,
-19.1990

■ 173.6210, 80.3330,
-29.6750

■ 200.5450, 43.1010,
-15.7070

■ 166.1890, 90.2370,
-32.9550

■ 207.9770, 33.1970,
-12.4270

■ 163.2880, 94.2720,
-34.4960

■ 214.7080, 23.8890,
-8.9350

■ 221.4390, 14.5810,
-5.4430

■ 228.1700, 5.2730,
-1.9510

■ 234.9010, -4.0350,
1.5410

■ 240.4920,
-10.1330, 1.9230

■ 245.1880,
-12.3330, -2.2610

Harmonies

Analogous

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



185.0700, 72.9000, 0.4200



187.0830, 61.7170, -22.6910



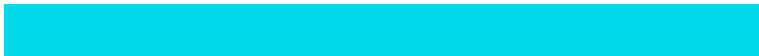
182.1270, 22.8860, -40.3300

Triad

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



187.0830, 61.7170, -22.6910



154.6420, -135.0640, -41.2400



197.1420, 21.9530, 48.2010

Complementary

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



187.0830, 61.7170, -22.6910



124.9170, -61.7170, 22.6910

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.



189.1260, -25.8170, 21.8550



187.0830, 61.7170, -22.6910



154.1010, -140.4300, -32.0940

Square

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



187.0830, 61.7170, -22.6910



148.3720, -117.4090, -58.3450



159.3160, -112.6940, -17.1260



185.3170, 46.0250, 41.4570

Rectangle

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



187.0830, 61.7170, -22.6910



177.1860, -11.1330, -46.0530



159.3160, -112.6940, -17.1260



195.2710, 8.1080, 40.3000

Sweetspot

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



187.0830, 61.7170, -22.6910



239.7940, 20.7710, -7.4930



130.9200, 75.1840, 47.1520



118.5960, 12.7010, -4.4110



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.



187.0830, 61.7170, -22.6910



195.6920, 81.5710, -30.0850



206.3000, 32.1040, -53.2080



111.2840, 4.9520, -1.6400



125.7220, 72.8590, -26.3810



35.7940, 20.7710, -7.4930

Inverse Universe

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



124.9170, -61.7170, 22.6910



113.3080, -81.5710, 30.0850



105.7000, -32.1040, 53.2080



106.7160, -4.9520, 1.6400



52.6910, -72.5840, 26.9040



15.2060, -20.7710, 7.4930

Previews

White Background



This preview shows how the YIQ color 187.0830, 61.7170, -22.6910 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 187.0830, 61.7170, -22.6910 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 187.0830, 61.7170, -22.6910

Background



This preview shows how black text looks on a background with the YIQ color 187.0830, 61.7170, -22.6910.



This preview shows how white text looks on a background with the YIQ color 187.0830, 61.7170, -22.6910.

-22.6910.

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

187.0830, 61.7170, -22.6910

Protanopia

185.7390, 47.8260, -29.7580

Deuteranopia

187.2300, 65.7970, -19.5390



Tritanopia

195.2160, 35.1630, 18.0350

Trichromacy



Original Color

187.0830, 61.7170, -22.6910

Protanomaly

185.9570, 53.1440, -27.0160

Deuteranomaly

187.2190, 64.3300, -20.4860

Tritanomaly

192.2210, 44.7940, 3.1780

Monochromacy



Original Color

187.0830, 61.7170, -22.6910

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.7510, 22.3300, -8.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0830, 61.7170, -22.6910 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(232, 185, 80)` looks like.

```
.text, #text, p{  
    color:rgb(232, 185, 80)  
}
```

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(232, 185, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 185, 80) }
```

Border

The CSS property to change the border of an element to YIQ 187.0830, 61.7170, -22.6910 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(232, 185, 80) }
```


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

```
.border{ border-color:rgb(232, 185, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 185, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 185, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 185, 80);  
box-shadow:4px 4px 4px 4px rgb(232, 185,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0830, 61.7170, -22.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 185, 80) }
```

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

```
.background{ background-color: rgb(232,  
185, 80) }
```

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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