

Converting Colors

YIQ(187.4990, 65.9370,
-33.0950)

Have a look what the booklet for
YIQ(187.4990, 65.9370, -33.0950)
contains.

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Color

**YIQ(187.4990, 65.9370,
-33.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BF3A
RGB	230, 191, 58
RGB Percent	90%, 75%, 23%
CMY	0.0980, 0.2510, 0.7722
CMYK	0.00, 0.17, 0.75, 0.10
HSL	46°, 77%, 56%
HSV	46°, 75%, 90%
XYZ	52.0272, 54.3841, 11.7705
YIQ	187.4990, 65.9370, -33.0950

Conversions

Conversions Part 2

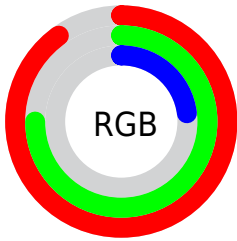
Format	Color
RYB	108, 230, 58
Decimal	15122234
CIELab	78.69, 0.88, 67.98
CIELCh	79, 67.982, 89.255
Yxy	54.3841, 0.4402, 0.4602
Android (android.graphics.Color)	4293312314 (0xFFE6BF3A)
YUV	187.4990, -63.8430, 37.2734
Hunter-Lab	73.7456, -3.1239, 42.1587

Details

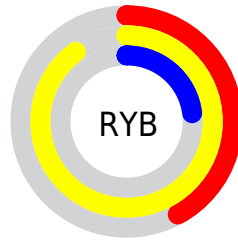
The YIQ color **187.4990, 65.9370, -33.0950** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **100.5010, -65.9370, 33.0950**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.2300, 47.4610, -39.6670**, and **131.8360, 63.3700, -36.1340** is the 20% darker color. If you saturate the color by 10%, you get **181.9420, 74.6950, -37.6330**, and if you desaturate by 10%, it is **193.0560, 57.1790, -28.5570**.

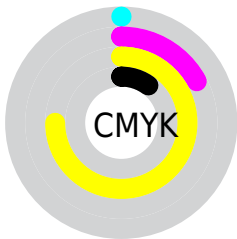
Distribution



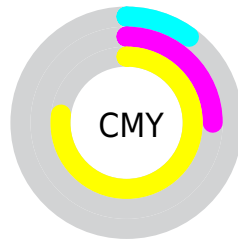
- Red (90%)
- Green (75%)
- Blue (23%)



- Red (42%)
- Yellow (90%)
- Blue (23%)



- Cyan (0%)
- Magenta (17%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4990, 65.9370, -33.0950 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 187.4990, 65.9370, -33.0950 by changing the saturation by 10% instead.

187.4990, 65.9370,
-33.0950

187.4990, 65.9370,
-33.0950

255.0000, -0.0000,
-0.0000

158.9180, 66.0750,
-35.5970

234.2300, 47.4610,
-39.6670

131.8360, 63.3700,
-36.1340

242.1180, 36.2730,
-35.1430

108.4900, 52.9610,
-29.2070

245.3100, 27.2850,
-26.4350

86.0300, 42.8730,
-22.5910

248.5020, 18.2970,
-17.7270

64.1570, 32.5100,
-16.4980

251.8080, 8.9880,
-8.7080

43.1700, 22.4680,
-10.7160

24.2540, 13.6640,

-5.3440

■ 0.0000, 0.0000,
0.0000

■ 187.4990, 65.9370,
-33.0950

■ 187.4990, 65.9370,
-33.0950

■ 181.9420, 74.6950,
-37.6330

■ 193.0560, 57.1790,
-28.5570

■ 176.3850, 83.4530,
-42.1710

■ 198.6130, 48.4210,
-24.0190

■ 173.2560, 88.1300,
-44.3340

■ 204.7570, 39.3880,
-20.0040

■ 210.3140, 30.6300,
-15.4660

■ 215.8710, 21.8720,
-10.9280

■ 221.4280, 13.1140,
-6.3900

■ 227.5720, 4.0810,
-2.3750

■ 233.1290, -4.6770,
2.1630

■ 237.5460,
-10.2250, 3.5910

Harmonies

Analogous

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



183.9640, 78.7700, -6.8460



187.4990, 65.9370, -33.0950



181.2800, 17.6610, -50.2670

Triad

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



187.4990, 65.9370, -33.0950



161.1450, -143.7300, -38.3700



194.5390, 28.3250, 53.8690

Complementary

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



187.4990, 65.9370, -33.0950



100.5010, -65.9370, 33.0950

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.



191.8500, -16.0520, 26.6040



187.4990, 65.9370, -33.0950



157.0360, -141.8050, -34.7090

Square

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



187.4990, 65.9370, -33.0950



153.8490, -123.1860, -58.2740



147.6440, -137.4050, -26.3410



179.3500, 50.4260, 44.2980

Rectangle

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



187.4990, 65.9370, -33.0950



173.7770, -26.3990, -55.7350



147.6440, -137.4050, -26.3410



198.0280, 22.2740, 47.8900

Sweetspot

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



187.4990, 65.9370, -33.0950



240.9850, 21.5510, -10.6170



113.9880, 89.6720, 48.9040



119.4280, 13.1140, -6.3900



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.



187.4990, 65.9370, -33.0950



198.2560, 88.1300, -44.3340



196.6380, 27.7960, -63.2440



111.8710, 4.6770, -2.1630



134.5270, 68.7340, -34.2260



38.1420, 19.6710, -9.5850

Inverse Universe

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



100.5010, -65.9370, 33.0950



82.3310, -88.4050, 43.8110



91.3620, -27.7960, 63.2440



106.1290, -4.6770, 2.1630



44.4730, -68.7340, 34.2260



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 187.4990, 65.9370, -33.0950 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 187.4990, 65.9370, -33.0950 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 187.4990, 65.9370, -33.0950

Background



This preview shows how black text looks on a background with the YIQ color 187.4990, 65.9370, -33.0950.



This preview shows how white text looks on a background with the YIQ color 187.4990, 65.9370,

-33.0950.

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

187.4990, 65.9370, -33.0950

Protanopia

186.3730, 57.3640, -37.4200

Deuteranopia

188.3910, 75.2890, -26.3670



Tritanopia

198.1340, 32.4580, 17.4980

Trichromacy



Original Color

187.4990, 65.9370, -33.0950

Protanomaly

186.9820, 60.0230, -36.0490

Deuteranomaly

187.9560, 72.0800, -28.7840

Tritanomaly

194.2870, 44.4280, -1.2040

Monochromacy



Original Color

187.4990, 65.9370, -33.0950

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7140, 23.7520, -11.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4990, 65.9370, -33.0950 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(230, 191, 58)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 58)  
}
```

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(230, 191, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 58) }
```

Border

The CSS property to change the border of an element to YIQ 187.4990, 65.9370, -33.0950 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(230, 191, 58) }
```


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

```
.border{ border-color:rgb(230, 191, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 191, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 58);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4990, 65.9370, -33.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 58) }
```

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

```
.background{ background-color: rgb(230,  
191, 58) }
```

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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