

Converting Colors

YIQ(177.7410, 62.6800,
-23.6240)

Have a look what the booklet for
YIQ(177.7410, 62.6800, -23.6240)
contains.

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Color

**YIQ(177.7410, 62.6800,
-23.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB044
RGB	223, 176, 68
RGB Percent	87%, 69%, 27%
CMY	0.1254, 0.3099, 0.7330
CMYK	0.00, 0.21, 0.69, 0.13
HSL	42°, 71%, 57%
HSV	42°, 69%, 87%
XYZ	47.0023, 47.1510, 12.1062
YIQ	177.7410, 62.6800, -23.6240

Conversions

Conversions Part 2

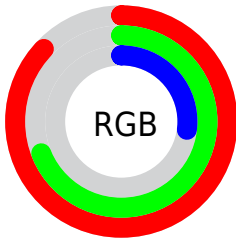
Format	Color
RYB	135, 223, 68
Decimal	14659652
CIELab	74.29, 6.23, 59.49
CIELCh	74, 59.820, 84.023
Yxy	47.1510, 0.4423, 0.4437
Android (android.graphics.Color)	4292849732 (0xFFDFB044)
YUV	177.7410, -54.1023, 39.6921
Hunter-Lab	68.6666, 2.0169, 37.6135

Details

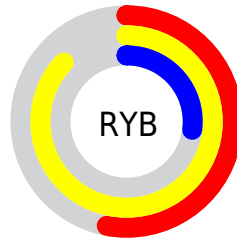
The YIQ color **177.7410, 62.6800, -23.6240** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **113.2590, -62.6800, 23.6240**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6360, 49.6140, -29.1220**, and **122.1660, 62.6810, -29.1510** is the 20% darker color. If you saturate the color by 10%, you get **171.1240, 71.6670, -26.8050**, and if you desaturate by 10%, it is **184.3580, 53.6930, -20.4430**.

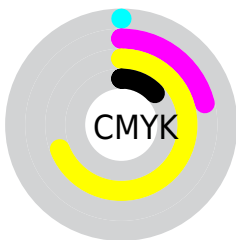
Distribution



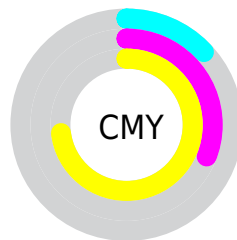
- Red (87%)
- Green (69%)
- Blue (27%)



- Red (53%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (69%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.7410, 62.6800, -23.6240 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 177.7410, 62.6800, -23.6240 by changing the saturation by 10% instead.


 177.7410, 62.6800,
-23.6240


 177.7410, 62.6800,
-23.6240

255.0000, -0.0000,
-0.0000


 149.7300, 61.2130,
-24.5710


 225.6360, 49.6140,
-29.1220


 122.1660, 62.6810,
-29.1510


 242.9160, 34.0260,
-32.9660


 98.4780, 53.2350,
-23.1570


 245.9940, 25.3590,
-24.5690

 76.0180, 43.1470,
-16.5410

 249.3000, 16.0500,
-15.5500

 54.7320, 32.5090,
-10.9710

 252.6060, 6.7410,
-6.5310

 34.6310, 22.7880,
-5.5000

 14.5410, 14.5340,

0.9180

■ 0.0000, 0.0000,
0.0000

■ 177.7410, 62.6800,
-23.6240

■ 177.7410, 62.6800,
-23.6240

■ 171.1240, 71.6670,
-26.8050

■ 184.3580, 53.6930,
-20.4430

■ 164.3930, 80.9750,
-30.2970

■ 191.0890, 44.3850,
-16.9510

■ 158.3630, 89.6870,
-34.0010

■ 197.1190, 35.6730,
-13.2470

■ 157.6620, 90.2830,
-33.7890

■ 203.7360, 26.6860,
-10.0660

■ 210.4670, 17.3780,
-6.5740

■ 217.0840, 8.3910,
-3.3930

■ 223.1140, -0.3210,
0.3110

■ 229.7310, -9.3080,
3.4920

■ 234.8660,
-14.1220, 2.6300

Harmonies

Analogous

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



178.0600, 78.8600, 2.5400



177.7410, 62.6800, -23.6240



172.7850, 23.8490, -41.2630

Triad

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



177.7410, 62.6800, -23.6240



149.0340, -130.2960, -39.5440



188.0820, 22.1820, 49.5580

Complementary

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



177.7410, 62.6800, -23.6240



113.2590, -62.6800, 23.6240

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.



180.5540, -29.8980, 24.2300



177.7410, 62.6800, -23.6240



148.8180, -137.9550, -27.3870

Square

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



177.7410, 62.6800, -23.6240



141.9490, -111.7240, -56.7480



141.7740, -134.6550, -21.1110



177.8340, 51.9390, 44.4110

Rectangle

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



177.7410, 62.6800, -23.6240



167.3600, -11.6830, -47.0990



141.7740, -134.6550, -21.1110



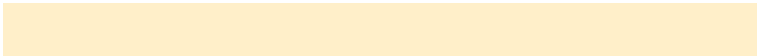
187.5960, 5.8150, 43.3110

Sweetspot

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



177.7410, 62.6800, -23.6240



239.4520, 21.7340, -8.4260



119.9310, 76.6510, 48.0990



118.4820, 13.0220, -4.7220



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.



177.7410, 62.6800, -23.6240



193.2640, 85.6520, -32.4600



196.9580, 33.0670, -54.1410



108.9850, 4.3560, -1.8520



124.8250, 71.0710, -27.0170



34.3100, 19.2580, -7.6060

Inverse Universe

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



113.2590, -62.6800, 23.6240



105.3230, -85.9270, 31.9370



94.0420, -33.0670, 54.1410



104.0150, -4.3560, 1.8520



51.1750, -71.0710, 27.0170



14.2770, -19.5330, 7.0830

Previews

White Background



This preview shows how the YIQ color 177.7410, 62.6800, -23.6240 looks on a white background.

Color Contrast Check

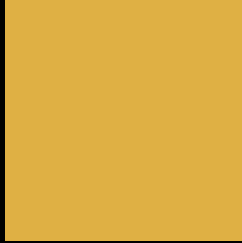
Large Text (above 18pt) WCAG AA × Fail

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 177.7410, 62.6800, -23.6240 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 177.7410, 62.6800, -23.6240

Background



This preview shows how black text looks on a background with the YIQ color 177.7410, 62.6800, -23.6240.



This preview shows how white text looks on a background with the YIQ color 177.7410, 62.6800, -23.6240.

-23.6240.

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

177.7410, 62.6800, -23.6240

Protanopia

176.3970, 48.7890, -30.6910

Deuteranopia

178.1760, 65.8890, -21.2070



Tritanopia

186.2160, 35.1630, 18.0350

Trichromacy



Original Color

177.7410, 62.6800, -23.6240

Protanomaly

176.6150, 54.1070, -27.9490

Deuteranomaly

178.1650, 64.4220, -22.1540

Tritanomaly

183.1070, 45.1150, 2.8670

Monochromacy



Original Color

177.7410, 62.6800, -23.6240

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.6370, 22.6510, -8.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7410, 62.6800, -23.6240 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(223, 176, 68)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 68)  
}
```

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(223, 176, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 68) }
```

Border

The CSS property to change the border of an element to YIQ 177.7410, 62.6800, -23.6240 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(223, 176, 68) }
```


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

```
.border{ border-color:rgb(223, 176, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 176, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 68);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7410, 62.6800, -23.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 68) }
```

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

```
.background{ background-color: rgb(223,  
176, 68) }
```

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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