

Converting Colors

YIQ(176.4230, 73.4040, 2.3000)

Have a look what the booklet for
YIQ(176.4230, 73.4040, 2.3000)
contains.

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Color

**YIQ(176.4230, 73.4040,
2.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	F89B63
RGB	248, 155, 99
RGB Percent	97%, 61%, 39%
CMY	0.0273, 0.3923, 0.6114
CMYK	0.00, 0.38, 0.60, 0.03
HSL	23°, 91%, 68%
HSV	23°, 60%, 97%
XYZ	52.6993, 44.2973, 17.5985
YIQ	176.4230, 73.4040, 2.3000

Conversions

Conversions Part 2

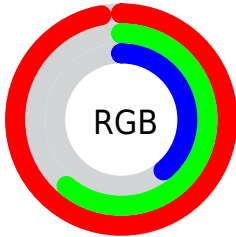
Format	Color
R_{YB}	248, 189, 99
Decimal	16292707
CIE _{Lab}	72.43, 29.61, 43.52
CIE _{LCh}	72, 52.637, 55.764
Yxy	44.2973, 0.4599, 0.3866
Android (android.graphics.Color)	4294482787 (0xFFFF89B63)
YUV	176.4230, -38.1695, 62.7730
Hunter-Lab	66.5562, 24.8632, 30.9122

Details

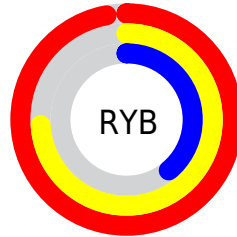
The YIQ color **176.4230, 73.4040, 2.3000** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **170.5770, -73.4040, -2.3000**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7290, 45.7590, -8.8090**, and **122.0740, 67.0770, 1.3250** is the 20% darker color. If you saturate the color by 10%, you get **164.1810, 85.8290, 2.8930**, and if you desaturate by 10%, it is **188.0780, 61.2540, 2.2300**.

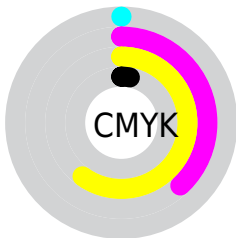
Distribution



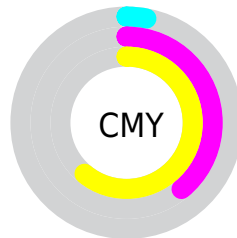
- Red (97%)
- Green (61%)
- Blue (39%)



- Red (97%)
- Yellow (74%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (3%)




- Cyan (3%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.4230, 73.4040, 2.3000 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 176.4230, 73.4040, 2.3000 by changing the saturation by 10% instead.


 176.4230, 73.4040,
2.3000


 176.4230, 73.4040,
2.3000


255.0000, -0.0000,
-0.0000


 149.0420, 70.1030,
1.5510


 216.7290, 45.7590,
-8.8090


 122.0740, 67.0770,
1.3250


 236.2430, 29.3920,
-15.0560


 95.9920, 64.3720,
0.7880

 249.4140, 15.7290,
-15.2390

 69.9700, 61.4380,
-1.1060

 252.6060, 6.7410,
-6.5310

 48.0970, 51.0750,
4.9870

 24.4630, 41.5370,
12.6490

 13.7540, 27.4160,

9.7520

■ 0.0000, 0.0000,
0.0000

■ 176.4230, 73.4040,
2.3000

■ 176.4230, 73.4040,
2.3000

■ 164.1810, 85.8290,
2.8930

■ 188.0780, 61.2540,
2.2300

■ 152.5260, 97.9790,
2.9630

■ 200.3200, 48.8290,
1.6370

■ 140.3980,
110.0830, 3.8670

■ 211.9750, 36.6790,
1.5670

■ 128.7430,
122.2330, 3.9370

■ 224.1030, 24.5750,
0.6630

■ 235.7580, 12.4250,
0.5930

■ 248.0000, -0.0000,
-0.0000

■ 252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



174.1570, 69.1820, 23.7580



176.4230, 73.4040, 2.3000



173.9450, 53.4180, -20.9660

Triad

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



176.4230, 73.4040, 2.3000



137.8400, -109.7990, -53.0870



178.5160, -26.7350, 27.4810

Complementary

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



176.4230, 73.4040, 2.3000



170.5770, -73.4040, -2.3000

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.



157.9970, -92.2020, -3.0340



176.4230, 73.4040, 2.3000



143.4260, -125.5280, -37.8480

Square

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



176.4230, 73.4040, 2.3000



160.8280, -30.4360, -43.1400



144.1220, -135.7550, -23.2030



182.9800, 22.2290, 43.1970

Rectangle

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



176.4230, 73.4040, 2.3000



170.7740, 31.5500, -32.1460



144.1220, -135.7550, -23.2030



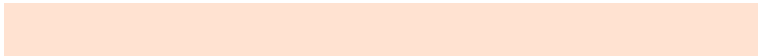
173.9650, -44.4770, 18.6190

Sweetspot

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



176.4230, 73.4040, 2.3000



232.7330, 22.7410, 0.8610



154.2670, 58.6300, 60.8220



114.1280, 14.2590, 0.3950



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.



176.4230, 73.4040, 2.3000



166.5190, 90.6890, 2.9210



219.2740, 53.3290, -35.8790



118.8220, 6.3730, 0.1410



98.1880, 93.1190, 2.9350



31.7400, 30.0310, 0.9030

Inverse Universe

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



170.5770, -73.4040, -2.3000



159.4810, -90.6890, -2.9210



127.7260, -53.3290, 35.8790



118.1780, -6.3730, -0.1410



90.8120, -93.1190, -2.9350



29.2600, -30.0310, -0.9030

Previews

White Background



This preview shows how the YIQ color 176.4230, 73.4040, 2.3000 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 176.4230, 73.4040, 2.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

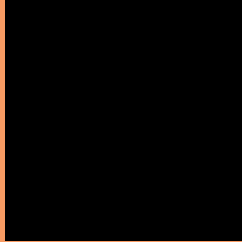
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4230, 73.4040, 2.3000

Background



This preview shows how black text looks on a background with the YIQ color 176.4230, 73.4040, 2.3000.



This preview shows how white text looks on a background with the YIQ color 176.4230, 73.4040,

2.3000.

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

176.4230, 73.4040, 2.3000

Protanopia

174.9890, 32.9230, -18.4770

Deuteranopia

175.9160, 52.3620, -12.8380



Tritanopia

180.3500, 58.4530, 25.4690

Trichromacy



Original Color

176.4230, 73.4040, 2.3000

Protanomaly

175.6320, 47.4100, -11.1980

Deuteranomaly

176.3840, 59.9720, -7.5800

Tritanomaly

179.3040, 64.0940, 16.8460

Monochromacy



Original Color

176.4230, 73.4040, 2.3000

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.8860, 26.6840, 0.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4230, 73.4040, 2.3000 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(248, 155, 99)` looks like.

```
.text, #text, p{  
    color:rgb(248, 155, 99)  
}
```

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(248, 155, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 155, 99) }
```

Border

The CSS property to change the border of an element to YIQ 176.4230, 73.4040, 2.3000 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(248, 155, 99) }
```


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

```
.border{ border-color:rgb(248, 155, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 155, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 155, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 155, 99);  
box-shadow:4px 4px 4px 4px rgb(248, 155,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4230, 73.4040, 2.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 155, 99) }
```

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

```
.background{ background-color: rgb(248,  
155, 99) }
```

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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