

Converting Colors

YIQ(182.8130, 63.3180, -2.1380)

Have a look what the booklet for
YIQ(182.8130, 63.3180, -2.1380)
contains.

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Color

**YIQ(182.8130, 63.3180,
-2.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A76D
RGB	242, 167, 109
RGB Percent	95%, 65%, 43%
CMY	0.0508, 0.3452, 0.5722
CMYK	0.00, 0.31, 0.55, 0.05
HSL	26°, 84%, 69%
HSV	26°, 55%, 95%
XYZ	53.2077, 47.6152, 20.8756
YIQ	182.8130, 63.3180, -2.1380

Conversions

Conversions Part 2

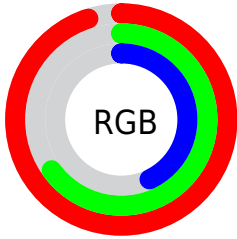
Format	Color
RYB	242, 212, 109
Decimal	15902573
CIELab	74.58, 21.64, 40.85
CIELCh	75, 46.229, 62.085
Yxy	47.6152, 0.4372, 0.3913
Android (android.graphics.Color)	4294092653 (0xFFFF2A76D)
YUV	182.8130, -36.3898, 51.9070
Hunter-Lab	69.0038, 16.8818, 30.3657

Details

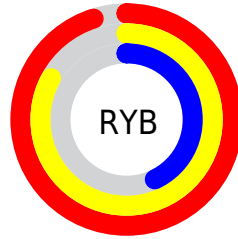
The YIQ color **182.8130, 63.3180, -2.1380** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **168.1870, -63.3180, 2.1380**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0270, 38.9280, -11.6640**, and **128.7630, 57.5870, -2.9010** is the 20% darker color. If you saturate the color by 10%, you get **171.8590, 74.8720, -2.2800**, and if you desaturate by 10%, it is **193.7670, 51.7640, -1.9960**.

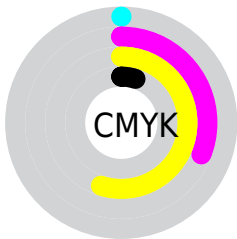
Distribution



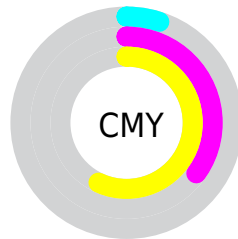
- Red (95%)
- Green (65%)
- Blue (43%)



- Red (95%)
- Yellow (83%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8130, 63.3180, -2.1380 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 182.8130, 63.3180, -2.1380 by changing the saturation by 10% instead.

182.8130, 63.3180,
-2.1380

182.8130, 63.3180,
-2.1380

255.0000, -0.0000,
-0.0000

155.1440, 60.8880,
-2.1520

225.0270, 38.9280,
-11.6640

128.7630, 57.5870,
-2.9010

245.1280, 22.2860,
-18.4340

102.6810, 54.8820,
-3.4380

250.6680, 12.1980,
-11.8180

77.3710, 52.8190,
-4.5970

253.9740, 2.8890,
-2.7990

54.2440, 45.9870,
-1.9250

33.2570, 35.9450,
3.8570

13.1560, 26.2240,

9.3280

■ 0.0000, 0.0000,
0.0000

■ 182.8130, 63.3180,
-2.1380

■ 182.8130, 63.3180,
-2.1380

■ 171.8590, 74.8720,
-2.2800

■ 193.7670, 51.7640,
-1.9960

■ 161.4920, 86.1510,
-2.9450

■ 204.1340, 40.4850,
-1.3310

■ 150.4240, 98.0260,
-3.3980

■ 215.2020, 28.6100,
-0.8780

■ 139.4700,
109.5800, -3.5400

■ 226.1560, 17.0560,
-0.7360

■ 133.9930,
115.3570, -3.6110

■ 236.5230, 5.7770,
-0.0710

247.4770, -5.7770,
0.0710

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



182.7170, 64.3690, 17.3690



182.8130, 63.3180, -2.1380



179.7850, 42.1850, -21.1350

Triad

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



182.8130, 63.3180, -2.1380



147.3940, -105.3070, -46.3870



186.5560, -15.0440, 30.3640

Complementary

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



182.8130, 63.3180, -2.1380



168.1870, -63.3180, 2.1380

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.



175.0180, -61.1640, 7.1560



182.8130, 63.3180, -2.1380



146.2130, -129.2420, -36.6180

Square

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



182.8130, 63.3180, -2.1380



167.6520, -35.5720, -38.1640



145.2960, -136.3050, -24.2490



188.5690, 27.6400, 38.7440

Rectangle

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



182.8130, 63.3180, -2.1380



177.3800, 21.0960, -29.9120



145.2960, -136.3050, -24.2490



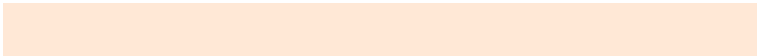
183.7990, -29.2100, 22.7740

Sweetspot

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



182.8130, 63.3180, -2.1380



236.8250, 19.4860, -0.7220



157.3170, 55.1930, 51.5210



116.9320, 11.8750, -0.4530



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.



182.8130, 63.3180, -2.1380



180.0830, 80.0530, -2.5630



221.5550, 45.1680, -36.6560



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



30.8320, 26.7760, -0.6800

Inverse Universe

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



168.1870, -63.3180, 2.1380



161.9170, -80.0530, 2.5630



129.4450, -45.1680, 36.6560



113.4770, -5.7770, 0.0710



82.0240, -87.6640, 2.8320



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 182.8130, 63.3180, -2.1380 looks on a white background.

Color Contrast Check

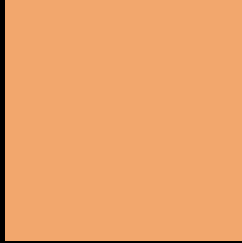
Large Text (above 18pt) WCAG AA × Fail

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 182.8130, 63.3180, -2.1380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

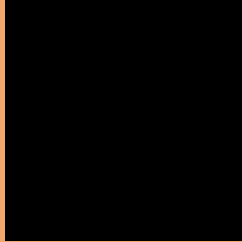
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8130, 63.3180, -2.1380

Background



This preview shows how black text looks on a background with the YIQ color 182.8130, 63.3180, -2.1380.



This preview shows how white text looks on a background with the YIQ color 182.8130, 63.3180,

-2.1380.

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

182.8130, 63.3180, -2.1380

Protanopia

180.9180, 31.6850, -18.0670

Deuteranopia

181.8990, 51.0320, -10.7600



Tritanopia

186.6800, 48.5960, 22.3880

Trichromacy



Original Color

182.8130, 63.3180, -2.1380

Protanomaly

181.6530, 42.9170, -12.3710

Deuteranomaly

182.3450, 55.7080, -7.3960

Tritanomaly

185.2210, 53.9620, 13.2420

Monochromacy



Original Color

182.8130, 63.3180, -2.1380

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.6790, 22.8330, -0.8070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8130, 63.3180, -2.1380 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(242, 167, 109)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 109)  
}
```

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(242, 167, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 109) }
```

Border

The CSS property to change the border of an element to YIQ 182.8130, 63.3180, -2.1380 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(242, 167, 109) }
```


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

```
.border{ border-color:rgb(242, 167, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 167, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8130, 63.3180, -2.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 109) }
```

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

```
.background{ background-color: rgb(242,  
167, 109) }
```

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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