

Converting Colors

YIQ(162.3110, 79.4110, -1.9410)

Have a look what the booklet for
YIQ(162.3110, 79.4110, -1.9410)
contains.

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Color

**YIQ(162.3110, 79.4110,
-1.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8E47
RGB	237, 142, 71
RGB Percent	93%, 56%, 28%
CMY	0.0704, 0.4433, 0.7212
CMYK	0.00, 0.40, 0.70, 0.07
HSL	26°, 82%, 60%
HSV	26°, 70%, 93%
XYZ	45.7479, 37.8027, 10.8626
YIQ	162.3110, 79.4110, -1.9410

Conversions

Conversions Part 2

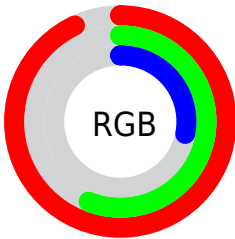
Format	Color
R _{YB}	237, 195, 71
Decimal	15568455
CIE Lab	67.87, 30.32, 51.85
CIE LCh	68, 60.065, 59.688
Yxy	37.8027, 0.4845, 0.4004
Android (android.graphics.Color)	4293758535 (0xFFED8E47)
YUV	162.3110, -45.0163, 65.5023
Hunter-Lab	61.4839, 25.2185, 32.5637

Details

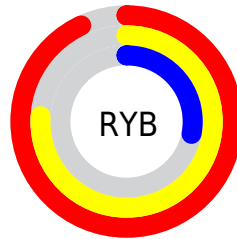
The YIQ color **162.3110, 79.4110, -1.9410** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **145.6890, -79.4110, 1.9410**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.2050, 58.9180, -10.5060**, and **108.2070, 73.7720, -4.3720** is the 20% darker color. If you saturate the color by 10%, you get **151.3570, 90.9650, -2.0830**, and if you desaturate by 10%, it is **173.2650, 67.8570, -1.7990**.

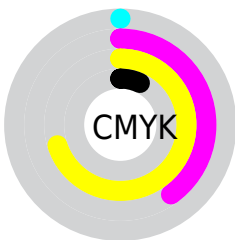
Distribution



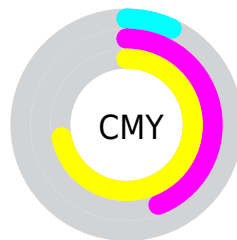
- Red (93%)
- Green (56%)
- Blue (28%)



- Red (93%)
- Yellow (76%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.3110, 79.4110, -1.9410 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 162.3110, 79.4110, -1.9410 by changing the saturation by 10% instead.

162.3110, 79.4110,
-1.9410

162.3110, 79.4110,
-1.9410

255.0000, -0.0000,
-0.0000

134.9300, 76.1100,
-2.6900

205.2050, 58.9180,
-10.5060

108.2070, 73.7720,
-4.3720

224.7190, 42.5510,
-16.7530

82.3960, 68.8660,
-3.5660

244.8200, 25.9090,
-23.5230

60.2240, 57.9070,
2.3150

249.1860, 16.3710,
-15.8610

37.4650, 47.2230,
8.7190

252.4920, 7.0620,
-6.8420

17.9400, 35.7600,
12.7200

10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 162.3110, 79.4110,
-1.9410

■ 162.3110, 79.4110,
-1.9410

■ 151.3570, 90.9650,
-2.0830

■ 173.2650, 67.8570,
-1.7990

■ 141.1040,
101.9230, -2.4370

■ 183.6320, 56.5780,
-1.1340

■ 130.1500,
113.4770, -2.5790

■ 194.4720, 45.3450,
-1.3030

■ 204.8390, 34.0660,
-0.6380

■ 215.7930, 22.5120,
-0.4960

■ 226.0460, 11.5540,
-0.1420

■ 237.0000, -0.0000,
-0.0000

■ 247.2700, -9.6280,
-1.7240

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



160.9690, 81.5150, 26.0190



162.3110, 79.4110, -1.9410



158.8710, 56.2620, -28.4580

Triad

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



162.3110, 79.4110, -1.9410



131.2860, -105.1230, -49.7230



167.0420, -25.0400, 35.3120

Complementary

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



162.3110, 79.4110, -1.9410



145.6890, -79.4110, 1.9410

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.



130.0340, -129.1550, -10.6510



162.3110, 79.4110, -1.9410



136.9690, -122.5030, -32.0950

Square

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



162.3110, 79.4110, -1.9410



140.9180, -48.5450, -50.8570



137.6650, -132.7300, -17.4500



169.9860, 31.2600, 50.2360

Rectangle

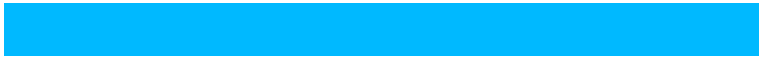
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.3110, 79.4110, -1.9410



155.6610, 30.1300, -39.4540



137.6650, -132.7300, -17.4500



162.4690, -45.7160, 24.5560

Sweetspot

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



162.3110, 79.4110, -1.9410



230.6470, 25.8590, -0.5810



131.6920, 67.7990, 65.3590



113.1990, 15.4970, -0.0150



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.



162.3110, 79.4110, -1.9410



158.4030, 102.5190, -2.2250



209.8580, 57.1360, -44.3040



112.2240, 5.1810, -0.2830



99.3180, 86.7010, -1.8990



29.6470, 25.8590, -0.5810

Inverse Universe

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



145.6890, -79.4110, 1.9410



137.5970, -102.5190, 2.2250



98.1420, -57.1360, 44.3040



110.7760, -5.1810, 0.2830



81.6820, -86.7010, 1.8990



24.3530, -25.8590, 0.5810

Previews

White Background



This preview shows how the YIQ color 162.3110, 79.4110, -1.9410 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 162.3110, 79.4110, -1.9410 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 162.3110, 79.4110, -1.9410

Background



This preview shows how black text looks on a background with the YIQ color 162.3110, 79.4110, -1.9410.



This preview shows how white text looks on a background with the YIQ color 162.3110, 79.4110, -1.9410.

-1.9410.

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

162.3110, 79.4110, -1.9410

Protanopia

161.3500, 38.9760, -23.5520

Deuteranopia

161.9780, 57.8190, -18.1250



Tritanopia

167.1330, 60.5620, 25.7940

Trichromacy



Original Color

162.3110, 79.4110, -1.9410

Protanomaly

161.4060, 53.7380, -15.7500

Deuteranomaly

161.8590, 65.7040, -12.3440

Tritanomaly

165.5170, 67.8080, 15.6160

Monochromacy



Original Color

162.3110, 79.4110, -1.9410

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.2020, 28.6100, -0.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.3110, 79.4110, -1.9410 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(237, 142, 71)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 71)  
}
```

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(237, 142, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 71) }
```

Border

The CSS property to change the border of an element to YIQ 162.3110, 79.4110, -1.9410 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(237, 142, 71) }
```


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

```
.border{ border-color:rgb(237, 142, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 142, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 71);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 162.3110, 79.4110, -1.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 71) }
```

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

```
.background{ background-color: rgb(237,  
142, 71) }
```

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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