

Converting Colors

YIQ(162.1140, 78.7680, 4.2080)

Have a look what the booklet for
YIQ(162.1140, 78.7680, 4.2080)
contains.

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Color

**YIQ(162.1140, 78.7680,
4.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	F08A52
RGB	240, 138, 82
RGB Percent	94%, 54%, 32%
CMY	0.0586, 0.4590, 0.6781
CMYK	0.00, 0.43, 0.66, 0.06
HSL	21°, 84%, 63%
HSV	21°, 66%, 94%
XYZ	46.5619, 37.3097, 12.7482
YIQ	162.1140, 78.7680, 4.2080

Conversions

Conversions Part 2

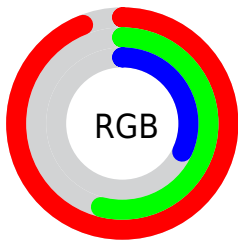
Format	Color
R_{YB}	240, 169, 82
Decimal	15764050
CIE _{Lab}	67.51, 34.20, 46.14
CIE _{LCh}	68, 57.434, 53.449
Yxy	37.3097, 0.4819, 0.3861
Android (android.graphics.Color)	4293954130 (0xFFFF08A52)
YUV	162.1140, -39.4962, 68.3060
Hunter-Lab	61.0817, 29.1757, 30.3829

Details

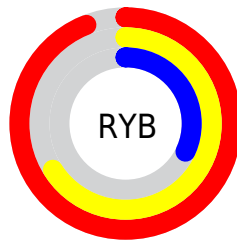
The YIQ color **162.1140, 78.7680, 4.2080** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **159.8860, -78.7680, -4.2080**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1110, 56.4870, -4.9930**, and **108.3520, 72.1660, 2.7100** is the 20% darker color. If you saturate the color by 10%, you get **149.9860, 90.8720, 5.1120**, and if you desaturate by 10%, it is **173.6550, 66.9390, 3.8270**.

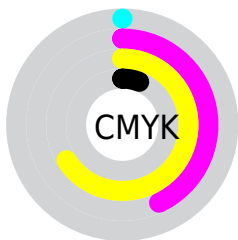
Distribution



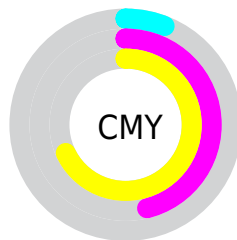
- Red (94%)
- Green (54%)
- Blue (32%)



- Red (94%)
- Yellow (66%)
- Blue (32%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (6%)



- Cyan (6%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.1140, 78.7680, 4.2080 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 162.1140, 78.7680, 4.2080 by changing the saturation by 10% instead.

162.1140, 78.7680,
4.2080

162.1140, 78.7680,
4.2080

255.0000, -0.0000,
-0.0000

134.8470, 75.1460,
3.7700

204.1110, 56.4870,
-4.9930

107.7650, 72.4410,
3.2330

224.2120, 39.8450,
-11.7630

81.6290, 69.8280,
1.0280

243.7260, 23.4780,
-18.0100

57.5990, 61.3450,
6.0890

250.4400, 12.8400,
-12.4400

33.3670, 50.6150,
13.3270

253.7460, 3.5310,
-3.4210

18.5380, 36.9520,
13.1440

11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 162.1140, 78.7680,
4.2080

■ 162.1140, 78.7680,
4.2080

■ 149.9860, 90.8720,
5.1120

■ 173.6550, 66.9390,
3.8270

■ 138.4450,
102.7010, 5.4930

■ 185.7830, 54.8350,
2.9230

■ 126.3170,
114.8050, 6.3970

■ 197.9110, 42.7310,
2.0190

■ 121.6550,
119.6650, 6.4250

■ 209.4520, 30.9020,
1.6380

■ 221.5800, 18.7980,
0.7340

■ 233.1210, 6.9690,
0.3530

■ 245.2490, -5.1350,
-0.5510

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



161.6360, 78.2590, 29.9630



162.1140, 78.7680, 4.2080



159.8270, 59.5620, -22.1820

Triad

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



162.1140, 78.7680, 4.2080



128.1570, -100.4460, -51.8860



164.0080, -36.8680, 29.4040

Complementary

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



162.1140, 78.7680, 4.2080



159.8860, -78.7680, -4.2080

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.



131.2080, -129.7050, -11.6970



162.1140, 78.7680, 4.2080



134.7860, -117.7340, -35.9260

Square

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



162.1140, 78.7680, 4.2080



145.7200, -30.2520, -46.4760



136.7530, -130.1620, -19.9380



169.4190, 19.6150, 46.5190

Rectangle

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



162.1140, 78.7680, 4.2080



156.7160, 37.4650, -34.7190



136.7530, -130.1620, -19.9380



158.2500, -58.4610, 18.7470

Sweetspot

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



162.1140, 78.7680, 4.2080



229.8150, 25.4460, 1.3980



140.9840, 61.1050, 65.5290



112.7260, 15.4510, 0.8190



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.



162.1140, 78.7680, 4.2080



155.7760, 100.2710, 5.4790



207.9000, 57.3180, -36.5860



113.9360, 6.0520, 0.4520



93.1710, 91.7890, 5.0130



28.4840, 27.8760, 1.4120

Inverse Universe

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



159.8860, -78.7680, -4.2080



153.2240, -100.2710, -5.4790



114.1000, -57.3180, 36.5860



114.0640, -6.0520, -0.4520



90.8290, -91.7890, -5.0130



27.5160, -27.8760, -1.4120

Previews

White Background



This preview shows how the YIQ color 162.1140, 78.7680, 4.2080 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 162.1140, 78.7680, 4.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

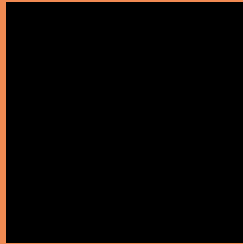
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.1140, 78.7680, 4.2080

Background



This preview shows how black text looks on a background with the YIQ color 162.1140, 78.7680, 4.2080.



This preview shows how white text looks on a background with the YIQ color 162.1140, 78.7680,

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

162.1140, 78.7680, 4.2080

Protanopia

161.3480, 33.2900, -19.6220

Deuteranopia

162.0470, 53.3710, -14.6050



Tritanopia

165.8130, 64.4590, 26.7550

Trichromacy



Original Color

162.1140, 78.7680, 4.2080

Protanomaly

161.4150, 49.5190, -10.8730

Deuteranomaly

161.9390, 62.7230, -7.8770

Tritanomaly

164.8810, 69.7790, 18.4430

Monochromacy



Original Color

162.1140, 78.7680, 4.2080

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.7830, 28.4720, 1.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.1140, 78.7680, 4.2080 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(240, 138, 82)` looks like.

```
.text, #text, p{  
    color:rgb(240, 138, 82)  
}
```

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(240, 138, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 138, 82) }
```

Border

The CSS property to change the border of an element to YIQ 162.1140, 78.7680, 4.2080 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(240, 138, 82) }
```


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

```
.border{ border-color:rgb(240, 138, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 138, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 138, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 138, 82);  
box-shadow:4px 4px 4px 4px rgb(240, 138,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 162.1140, 78.7680, 4.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 138, 82) }
```

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

```
.background{ background-color: rgb(240,  
138, 82) }
```

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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