

Converting Colors

YIQ(172.2650, 77.0250, 8.2650)

Have a look what the booklet for
YIQ(172.2650, 77.0250, 8.2650)
contains.

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Color

**YIQ(172.2650, 77.0250,
8.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9265
RGB	251, 146, 101
RGB Percent	98%, 57%, 40%
CMY	0.0155, 0.4276, 0.6036
CMYK	0.00, 0.42, 0.60, 0.02
HSL	18°, 95%, 69%
HSV	18°, 60%, 98%
XYZ	52.4293, 42.0052, 17.6787
YIQ	172.2650, 77.0250, 8.2650

Conversions

Conversions Part 2

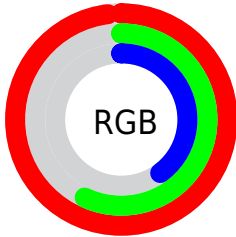
Format	Color
R _Y B	251, 165, 101
Decimal	16487013
CIE Lab	70.87, 35.60, 40.67
CIE LCh	71, 54.055, 48.805
Yxy	42.0052, 0.4676, 0.3747
Android (android.graphics.Color)	4294677093 (0xFFFB9265)
YUV	172.2650, -35.1336, 69.0506
Hunter-Lab	64.8114, 30.9781, 29.1953

Details

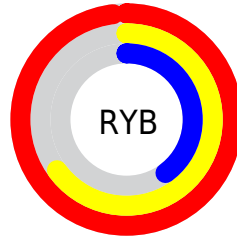
The YIQ color **172.2650, 77.0250, 8.2650** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **179.7350, -77.0250, -8.2650**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6740, 47.5920, -3.4800**, and **118.0300, 70.3770, 7.6010** is the 20% darker color. If you saturate the color by 10%, you get **158.8490, 90.0000, 9.9040**, and if you desaturate by 10%, it is **185.6810, 64.0500, 6.6260**.

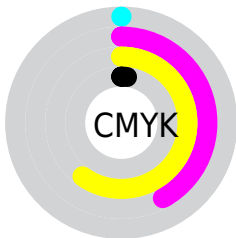
Distribution



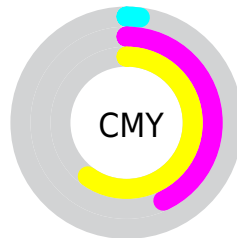
- Red (98%)
- Green (57%)
- Blue (40%)



- Red (98%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (60%)
- Black (2%)




- Cyan (2%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2650, 77.0250, 8.2650 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 172.2650, 77.0250, 8.2650 by changing the saturation by 10% instead.


 172.2650, 77.0250,
8.2650


 172.2650, 77.0250,
8.2650


255.0000, -0.0000,
-0.0000


 144.8840, 73.7240,
7.5160


 211.6740, 47.5920,
-3.4800

 118.0300, 70.3770,
7.6010


 231.1880, 31.2250,
-9.7270


 91.6490, 67.0760,
6.8520

 249.6420, 15.0870,
-14.6170

 65.2680, 63.7750,
6.1030

 252.8340, 6.0990,
-5.9090

 41.0640, 55.8420,
12.2100

 21.8270, 43.5080,
15.4760

 14.4660, 28.2870,

10.4870

■ 0.0000, 0.0000,
0.0000

■ 172.2650, 77.0250,
8.2650

■ 172.2650, 77.0250,
8.2650

■ 158.8490, 90.0000,
9.9040

■ 185.6810, 64.0500,
6.6260

■ 146.0200,
102.7000, 11.0200

■ 198.5100, 51.3500,
5.5100

■ 132.6040,
115.6750, 12.6590

■ 211.9260, 38.3750,
3.8710

■ 119.7750,
128.3750, 13.7750

■ 224.8690, 25.3540,
3.0660

■ 119.0740,
128.9710, 13.9870

■ 238.2850, 12.3790,
1.4270

251.7010, -0.5960,
-0.2120

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



170.7320, 69.1810, 29.2850



172.2650, 77.0250, 8.2650



169.8860, 61.0740, -16.5420

Triad

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



172.2650, 77.0250, 8.2650



133.0810, -103.2880, -55.4480



171.3400, -41.0390, 22.3930

Complementary

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



172.2650, 77.0250, 8.2650



179.7350, -77.0250, -8.2650

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.



137.0780, -132.4550, -16.9270



172.2650, 77.0250, 8.2650



139.4820, -119.9340, -40.1100

Square

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



172.2650, 77.0250, 8.2650



158.2870, -18.6070, -42.7590



141.9220, -132.3160, -24.9560



178.7060, 11.3170, 42.7170

Rectangle

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



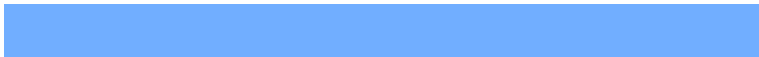
172.2650, 77.0250, 8.2650



167.0310, 41.1320, -29.5880



141.9220, -132.3160, -24.9560



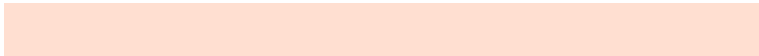
164.9950, -62.3570, 12.2590

Sweetspot

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



172.2650, 77.0250, 8.2650



230.9720, 23.5660, 2.4300



158.1620, 54.7320, 65.3880



112.9540, 14.8090, 1.4410



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.



172.2650, 77.0250, 8.2650



158.3010, 94.5390, 10.2430



215.1160, 56.9500, -29.9140



118.2350, 6.6480, 0.6640



89.3830, 97.2440, 10.7800



28.8050, 31.4060, 3.5180

Inverse Universe

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



179.7350, -77.0250, -8.2650



167.6990, -94.5390, -10.2430



137.4710, -57.2250, 29.3910



118.7650, -6.6480, -0.6640



99.0300, -96.9690, -10.2570



32.1950, -31.4060, -3.5180

Previews

White Background



This preview shows how the YIQ color 172.2650, 77.0250, 8.2650 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 172.2650, 77.0250, 8.2650 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 172.2650, 77.0250, 8.2650

Background



This preview shows how black text looks on a background with the YIQ color 172.2650, 77.0250, 8.2650.



This preview shows how white text looks on a background with the YIQ color 172.2650, 77.0250,

8.2650.

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

172.2650, 77.0250, 8.2650

Protanopia

171.4170, 28.8420, -16.1020

Deuteranopia

171.8880, 49.5650, -11.7070



Tritanopia

175.2260, 64.7340, 27.2780

Trichromacy



Original Color

172.2650, 77.0250, 8.2650

Protanomaly

171.9680, 46.5840, -7.2400

Deuteranomaly

172.0790, 59.5130, -4.7670

Tritanomaly

174.0490, 69.3660, 20.4220

Monochromacy



Original Color

172.2650, 77.0250, 8.2650

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.4240, 28.1050, 2.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2650, 77.0250, 8.2650 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(251, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(251, 146, 101)  
}
```

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(251, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 146, 101) }
```

Border

The CSS property to change the border of an element to YIQ 172.2650, 77.0250, 8.2650 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(251, 146, 101) }
```


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

```
.border{ border-color:rgb(251, 146, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 146, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(251, 146,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2650, 77.0250, 8.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 146, 101) }
```

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

```
.background{ background-color: rgb(251,  
146, 101) }
```

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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