

Converting Colors

YIQ(178.3540, 77.8520, -1.2200)

Have a look what the booklet for
YIQ(178.3540, 77.8520, -1.2200)
contains.

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Color

**YIQ(178.3540, 77.8520,
-1.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9E5A
RGB	252, 158, 90
RGB Percent	99%, 62%, 35%
CMY	0.0116, 0.3805, 0.6467
CMYK	0.00, 0.37, 0.64, 0.01
HSL	25°, 96%, 67%
HSV	25°, 64%, 99%
XYZ	54.2311, 45.8840, 15.6917
YIQ	178.3540, 77.8520, -1.2200

Conversions

Conversions Part 2

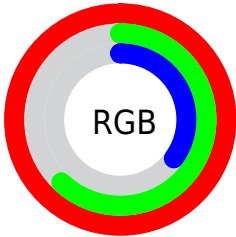
Format	Color
R_{YB}	252, 207, 90
Decimal	16555610
CIE _{Lab}	73.47, 29.06, 49.40
CIE _{LCh}	73, 57.314, 59.536
Yxy	45.8840, 0.4683, 0.3962
Android (android.graphics.Color)	4294745690 (0xFFFC9E5A)
YUV	178.3540, -43.5585, 64.5875
Hunter-Lab	67.7377, 24.3668, 33.6817

Details

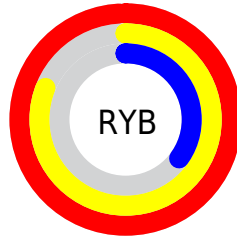
The YIQ color **178.3540, 77.8520, -1.2200** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **163.6460, -77.8520, 1.2200**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4640, 47.8230, -13.1770**, and **123.8910, 71.8460, -2.5060** is the 20% darker color. If you saturate the color by 10%, you get **166.6990, 90.0020, -1.1500**, and if you desaturate by 10%, it is **190.0090, 65.7020, -1.2900**.

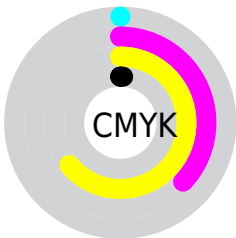
Distribution



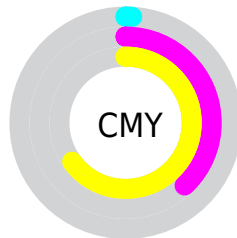
- Red (99%)
- Green (62%)
- Blue (35%)



- Red (99%)
- Yellow (81%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (64%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.3540, 77.8520, -1.2200 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 178.3540, 77.8520, -1.2200 by changing the saturation by 10% instead.


 178.3540, 77.8520,
-1.2200


 178.3540, 77.8520,
-1.2200


255.0000, -0.0000,
-0.0000


 150.9730, 74.5510,
-1.9690


 217.4640, 47.8230,
-13.1770

 123.8910, 71.8460,
-2.5060


 237.5650, 31.1810,
-19.9470

 97.1680, 69.5080,
-4.1880


 248.3880, 18.6180,
-18.0380

 72.6280, 62.4010,
-2.0390

 251.5800, 9.6300,
-9.3300

 50.4560, 51.4420,
3.8420

254.8860, 0.3210,
-0.3110

 27.4090, 41.6290,
10.9810

 14.3520, 28.6080,

10.1760

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 178.3540, 77.8520,
-1.2200

■ 178.3540, 77.8520,
-1.2200

■ 166.6990, 90.0020,
-1.1500

■ 190.0090, 65.7020,
-1.2900

■ 155.6310,
101.8770, -1.6030

■ 201.1910, 53.5060,
-0.5260

■ 143.8620,
114.3480, -1.8440

■ 212.8460, 41.3560,
-0.5960

■ 137.5700,
121.0420, -2.0140

■ 224.5010, 29.2060,
-0.6660

■ 235.5690, 17.3310,
-0.2130

■ 247.2240, 5.1810,
-0.2830

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



173.4730, 71.1080, 21.8920



178.3540, 77.8520, -1.2200



174.9680, 54.6110, -26.0690

Triad

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



178.3540, 77.8520, -1.2200



141.2140, -113.7880, -52.3800



181.2180, -19.9040, 30.3360

Complementary

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



178.3540, 77.8520, -1.2200



163.6460, -77.8520, 1.2200

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.



158.8830, -91.8810, -3.3450



178.3540, 77.8520, -1.2200



147.2560, -130.8010, -35.8970

Square

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



178.3540, 77.8520, -1.2200



159.1360, -43.2270, -48.1150



146.4700, -136.8550, -25.2950



185.4480, 29.8390, 48.4550

Rectangle

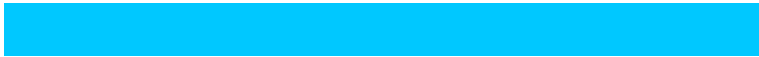
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.3540, 77.8520, -1.2200



171.9430, 29.3960, -37.1640



146.4700, -136.8550, -25.2950



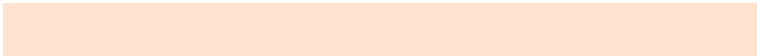
176.6560, -39.1130, 20.5270

Sweetspot

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



178.3540, 77.8520, -1.2200



233.0920, 23.1080, -0.2840



149.2680, 66.0570, 63.8890



114.0140, 14.5800, 0.0840



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.



178.3540, 77.8520, -1.2200



165.7380, 94.2660, -1.3340



225.9010, 55.5770, -43.5830



119.4090, 6.0980, -0.3820



102.8840, 90.9190, -1.2490



33.5010, 29.2060, -0.6660

Inverse Universe

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



163.6460, -77.8520, 1.2200



148.2620, -94.2660, 1.3340



116.6860, -55.8520, 43.0600



118.1780, -6.3730, -0.1410



86.1160, -90.9190, 1.2490



28.0860, -29.4810, 0.1430

Previews

White Background



This preview shows how the YIQ color 178.3540, 77.8520, -1.2200 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 178.3540, 77.8520, -1.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

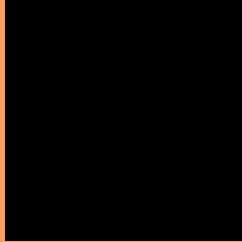
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.3540, 77.8520, -1.2200

Background



This preview shows how black text looks on a background with the YIQ color 178.3540, 77.8520, -1.2200.



This preview shows how white text looks on a background with the YIQ color 178.3540, 77.8520, -1.2200.

-1.2200.

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

178.3540, 77.8520, -1.2200

Protanopia

176.9200, 37.3710, -21.9970

Deuteranopia

177.5590, 57.6810, -15.6230



Tritanopia

183.2360, 58.7740, 25.1580

Trichromacy



Original Color

178.3540, 77.8520, -1.2200

Protanomaly

177.5630, 51.8580, -14.7180

Deuteranomaly

178.0270, 65.2910, -10.3650

Tritanomaly

181.7340, 65.6990, 15.2910

Monochromacy



Original Color

178.3540, 77.8520, -1.2200

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.3160, 28.2890, -0.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3540, 77.8520, -1.2200 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(252, 158, 90)` looks like.

```
.text, #text, p{  
    color:rgb(252, 158, 90)  
}
```

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(252, 158, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 158, 90) }
```

Border

The CSS property to change the border of an element to YIQ 178.3540, 77.8520, -1.2200 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(252, 158, 90) }
```


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

```
.border{ border-color:rgb(252, 158, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 158, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 158, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 158, 90);  
box-shadow:4px 4px 4px 4px rgb(252, 158,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3540, 77.8520, -1.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 158, 90) }
```

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

```
.background{ background-color: rgb(252,  
158, 90) }
```

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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