

Converting Colors

YIQ(172.5490, 81.9770, 6.6250)

Have a look what the booklet for
YIQ(172.5490, 81.9770, 6.6250)
contains.

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Color

**YIQ(172.5490, 81.9770,
6.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF925D
RGB	255, 146, 93
RGB Percent	100%, 57%, 36%
CMY	0.0000, 0.4276, 0.6349
CMYK	0.00, 0.43, 0.63, 0.00
HSL	20°, 100%, 68%
HSV	20°, 63%, 100%
XYZ	53.4917, 42.5956, 15.7801
YIQ	172.5490, 81.9770, 6.6250

Conversions

Conversions Part 2

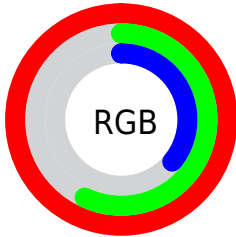
Format	Color
R _Y B	255, 172, 93
Decimal	16749149
CIE Lab	71.28, 36.61, 45.43
CIE LCh	71, 58.342, 51.137
Yxy	42.5956, 0.4782, 0.3808
Android (android.graphics.Color)	4294939229 (0xFFFF925D)
YUV	172.5490, -39.2177, 72.3095
Hunter-Lab	65.2653, 32.0852, 31.3503

Details

The YIQ color **172.5490, 81.9770, 6.6250** 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 **175.4510, -81.9770, -6.6250**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7620, 50.1600, -5.9680**, and **117.9010, 75.0540, 5.4380** is the 20% darker color. If you saturate the color by 10%, you get **159.7200, 94.6770, 7.7410**, and if you desaturate by 10%, it is **185.4920, 68.9560, 5.8200**.

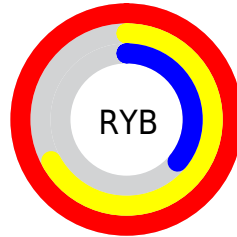
Distribution



Red (100%)

Green (57%)

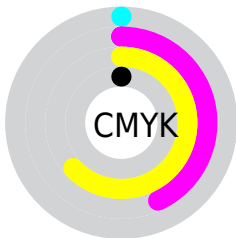
Blue (36%)



Red (100%)

Yellow (67%)

Blue (36%)

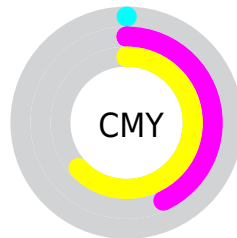


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.5490, 81.9770, 6.6250 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 172.5490, 81.9770, 6.6250 by changing the saturation by 10% instead.


 172.5490, 81.9770,
6.6250


 172.5490, 81.9770,
6.6250


255.0000, -0.0000,
-0.0000


 145.1680, 78.6760,
5.8760


 210.7620, 50.1600,
-5.9680


 117.9010, 75.0540,
5.4380


 230.2760, 33.7930,
-12.2150


 91.5200, 71.7530,
4.6890

 248.6160, 17.9760,
-17.4160

 65.5950, 67.1680,
5.1840

 251.9220, 8.6670,
-8.3970

 41.0750, 57.3090,
13.1570

 22.4250, 44.7000,
15.9000

 15.0640, 29.4790,

10.9110

■ 0.0000, 0.0000,
0.0000

■ 172.5490, 81.9770,
6.6250

■ 172.5490, 81.9770,
6.6250

■ 159.7200, 94.6770,
7.7410

■ 185.4920, 68.9560,
5.8200

■ 146.7770,
107.6980, 8.5460

■ 198.3210, 56.2560,
4.7040

■ 133.3610,
120.6730, 10.1850

■ 211.2640, 43.2350,
3.8990

■ 124.9660,
129.1550, 10.6510

■ 224.6800, 30.2600,
2.2600

■ 237.6230, 17.2390,
1.4550

250.4520, 4.5390,
0.3390

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



168.4010, 71.6110, 29.2990



172.5490, 81.9770, 6.6250



170.0340, 63.4130, -20.3870

Triad

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



172.5490, 81.9770, 6.6250



135.1840, -105.0760, -56.0840



171.9490, -38.3800, 23.7640

Complementary

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



172.5490, 81.9770, 6.6250



175.4510, -81.9770, -6.6250

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.



137.6650, -132.7300, -17.4500



172.5490, 81.9770, 6.6250



142.0410, -123.0060, -39.5020

Square

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



172.5490, 81.9770, 6.6250



156.6450, -25.6670, -46.9710



144.1220, -135.7550, -23.2030



179.6790, 15.9470, 46.9150

Rectangle

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



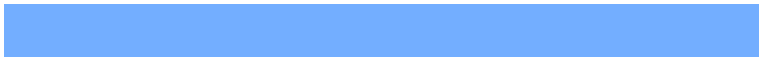
172.5490, 81.9770, 6.6250



166.9830, 41.0870, -34.2810



144.1220, -135.7550, -23.2030



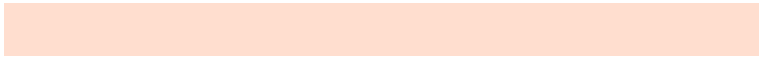
165.5930, -61.1650, 12.6830

Sweetspot

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



172.5490, 81.9770, 6.6250



230.1570, 24.4830, 2.3310



154.0920, 60.9210, 68.8650



112.8400, 15.1300, 1.1300



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.



172.5490, 81.9770, 6.6250



155.9870, 98.2990, 8.1790



218.9220, 60.2520, -34.6920



121.2350, 6.6480, 0.6640



93.5030, 96.7860, 8.0660



31.4630, 32.3690, 2.5850

Inverse Universe

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



175.4510, -81.9770, -6.6250



160.0130, -98.2990, -8.1790



129.0780, -60.2520, 34.6920



121.1780, -6.3730, -0.1410



97.4970, -96.7860, -8.0660



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 172.5490, 81.9770, 6.6250 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 172.5490, 81.9770, 6.6250 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 172.5490, 81.9770, 6.6250

Background



This preview shows how black text looks on a background with the YIQ color 172.5490, 81.9770, 6.6250.



This preview shows how white text looks on a background with the YIQ color 172.5490, 81.9770,

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

172.5490, 81.9770, 6.6250

Protanopia

171.8750, 33.2440, -18.7880

Deuteranopia

172.4600, 53.6460, -14.0820



Tritanopia

176.2260, 64.7340, 27.2780

Trichromacy



Original Color

172.5490, 81.9770, 6.6250



Protanomaly

171.8390, 51.2610, -9.4030



Deuteranomaly

172.3630, 64.4650, -6.4070



Tritanomaly

175.0060, 70.9250, 19.7010

Monochromacy



Original Color

172.5490, 81.9770, 6.6250



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.7940, 29.9390, 2.5710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5490, 81.9770, 6.6250 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(255, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 93)  
}
```

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(255, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 93) }
```

Border

The CSS property to change the border of an element to YIQ 172.5490, 81.9770, 6.6250 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(255, 146, 93) }
```


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

```
.border{ border-color:rgb(255, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5490, 81.9770, 6.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 93) }
```

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

```
.background{ background-color: rgb(255,  
146, 93) }
```

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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