

Converting Colors

YIQ(172.2820, 70.3280, 25.0160)

Have a look what the booklet for
YIQ(172.2820, 70.3280, 25.0160)
contains.

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Color

**YIQ(172.2820, 70.3280,
25.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8989
RGB	255, 137, 137
RGB Percent	100%, 54%, 54%
CMY	0.0000, 0.4629, 0.4625
CMYK	0.00, 0.46, 0.46, 0.00
HSL	360°, 100%, 77%
HSV	360°, 46%, 100%
XYZ	54.6991, 40.9454, 28.7140
YIQ	172.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

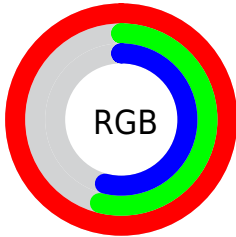
Format	Color
R _Y B	255, 137, 137
Decimal	16746889
CIE Lab	70.14, 44.61, 20.26
CIE LCh	70, 48.996, 24.423
Yxy	40.9454, 0.4399, 0.3293
Android (android.graphics.Color)	4294936969 (0xFFFF8989)
YUV	172.2820, -17.3940, 72.5437
Hunter-Lab	63.9886, 40.6063, 18.1865

Details

The YIQ color **172.2820, 70.3280, 25.0160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **219.7180, -70.3280, -25.0160**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6090, 38.1900, 12.7340**, and **117.2320, 64.5970, 24.2530** is the 20% darker color. If you saturate the color by 10%, you get **154.1700, 85.5030, 30.8390**, and if you desaturate by 10%, it is **189.9210, 55.1070, 20.0270**.

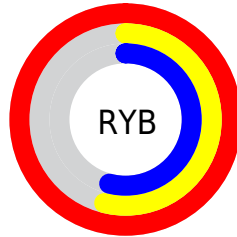
Distribution



Red (100%)

Green (54%)

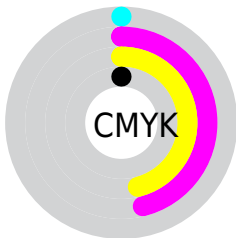
Blue (54%)



Red (100%)

Yellow (54%)

Blue (54%)

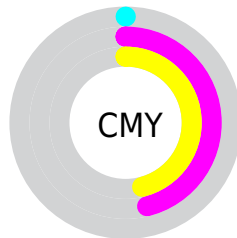


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2820, 70.3280, 25.0160 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 172.2820, 70.3280, 25.0160 by changing the saturation by 10% instead.


 172.2820, 70.3280,
25.0160


 172.2820, 70.3280,
25.0160


255.0000, -0.0000,
-0.0000


 144.3140, 67.3020,
24.7900


 210.6090, 38.1900,
12.7340


 117.2320, 64.5970,
24.2530


 230.8240, 21.2270,
6.2750

 90.6770, 61.8460,
24.5500

 251.1530, 3.9430,
0.1270

 63.0620, 59.3240,
26.2040

 34.5010, 56.7100,
29.5260

 23.6210, 47.0840,
16.7480

 16.3740, 31.5420,

12.0700

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 172.2820, 70.3280,
25.0160

■ 172.2820, 70.3280,
25.0160

■ 154.1700, 85.5030,
30.8390

■ 189.9210, 55.1070,
20.0270

■ 136.5310,
100.7240, 35.8280

■ 208.0330, 39.9320,
14.2040

■ 118.4190,
115.8990, 41.6510

■ 225.5580, 25.0320,
8.9040

■ 100.7800,
131.1200, 46.6400

■ 243.7840, 9.5360,
3.3920

■ 82.6680, 146.2950, 255.0000, -0.0000,
52.4630 -0.0000

■ 76.2450, 151.9800,
54.0600

Harmonies

Analogous

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



174.7430, 53.4530, 38.9970



172.2820, 70.3280, 25.0160



170.6120, 68.4980, 3.1060

Triad

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



172.2820, 70.3280, 25.0160



156.6870, -25.4850, -39.2530



155.3720, -88.7640, 0.7400

Complementary

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



172.2820, 70.3280, 25.0160



219.7180, -70.3280, -25.0160

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.



138.6450, -129.9780, -23.2740



172.2820, 70.3280, 25.0160



132.2320, -105.0310, -51.3910

Square

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



172.2820, 70.3280, 25.0160



164.0160, 19.1250, -32.7390



137.4760, -119.7970, -37.0850



172.9610, -29.4860, 27.7780

Rectangle

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



172.2820, 70.3280, 25.0160



169.3790, 58.3680, -11.5520



137.4760, -119.7970, -37.0850



136.4910, -132.1800, -16.4040

Sweetspot

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



172.2820, 70.3280, 25.0160



229.7640, 21.4560, 7.6320



185.1360, 31.2580, 61.2900



112.5780, 13.1120, 4.6640



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.



172.2820, 70.3280, 25.0160



154.7570, 85.2280, 30.3160



205.7410, 54.6530, -4.7950



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Inverse Universe

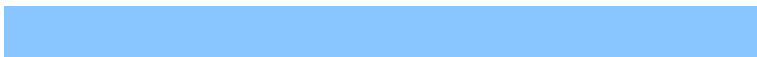
The Inverse Universe completely reimagines the original color for something new.



172.2820, 70.3280, 25.0160



154.7570, 85.2280, 30.3160



186.2590, -54.6530, 4.7950



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 172.2820, 70.3280, 25.0160 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 172.2820, 70.3280, 25.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

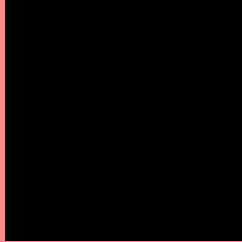
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2820, 70.3280, 25.0160

Background



This preview shows how black text looks on a background with the YIQ color 172.2820, 70.3280, 25.0160.

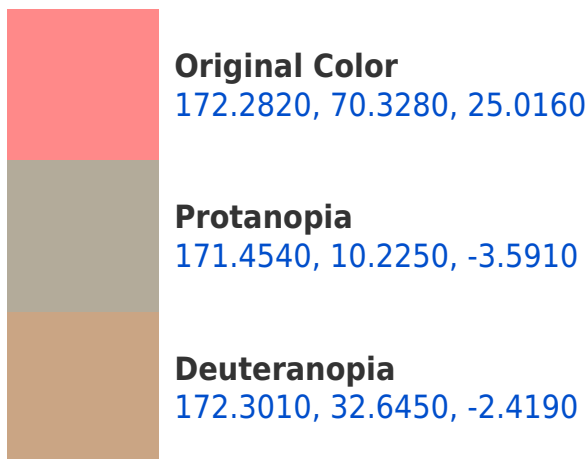


This preview shows how white text looks on a background with the YIQ color 172.2820, 70.3280,

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





Tritanopia

172.7210, 67.7140, 28.3380

Trichromacy



Original Color

172.2820, 70.3280, 25.0160

Protanomaly

172.0980, 32.1390, 6.7550

Deuteranomaly

172.3400, 46.0770, 7.4610

Tritanomaly

172.3790, 68.6770, 27.4050

Monochromacy



Original Color

172.2820, 70.3280, 25.0160

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8570, 25.6280, 9.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2820, 70.3280, 25.0160 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 137) }
```

Border

The CSS property to change the border of an element to YIQ 172.2820, 70.3280, 25.0160 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, 137, 137) }
```


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

```
.border{ border-color:rgb(255, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2820, 70.3280, 25.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 137) }
```

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

```
.background{ background-color: rgb(255,  
137, 137) }
```

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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