

Converting Colors

YIQ(170.1790, 72.1160, 25.6520)

Have a look what the booklet for
YIQ(170.1790, 72.1160, 25.6520)
contains.

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Color

**YIQ(170.1790, 72.1160,
25.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8686
RGB	255, 134, 134
RGB Percent	100%, 53%, 53%
CMY	0.0000, 0.4747, 0.4742
CMYK	0.00, 0.47, 0.47, 0.00
HSL	360°, 100%, 76%
HSV	360°, 47%, 100%
XYZ	54.0662, 40.0194, 27.4559
YIQ	170.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

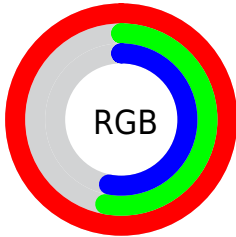
Format	Color
R _Y B	255, 134, 134
Decimal	16746118
CIE Lab	69.48, 45.82, 21.03
CIE LCh	69, 50.418, 24.654
Yxy	40.0194, 0.4448, 0.3293
Android (android.graphics.Color)	4294936198 (0xFFFF8686)
YUV	170.1790, -17.8362, 74.3880
Hunter-Lab	63.2609, 41.8494, 18.5502

Details

The YIQ color **170.1790, 72.1160, 25.6520** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **218.8210, -72.1160, -25.6520**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5060, 39.9780, 13.3700**, and **115.1290, 66.3850, 24.8890** is the 20% darker color. If you saturate the color by 10%, you get **152.0670, 87.2910, 31.4750**, and if you desaturate by 10%, it is **187.8180, 56.8950, 20.6630**.

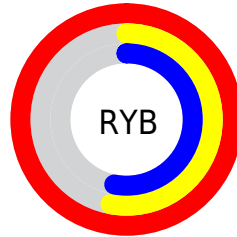
Distribution



Red (100%)

Green (53%)

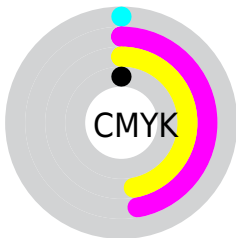
Blue (53%)



Red (100%)

Yellow (53%)

Blue (53%)

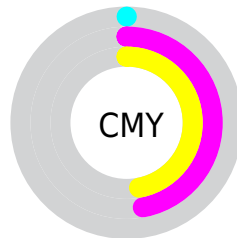


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.1790, 72.1160, 25.6520 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 170.1790, 72.1160, 25.6520 by changing the saturation by 10% instead.


 170.1790, 72.1160,
25.6520


 170.1790, 72.1160,
25.6520


255.0000, -0.0000,
-0.0000

 142.2110, 69.0900,
25.4260


 208.5060, 39.9780,
13.3700


 115.2430, 66.0640,
25.2000


 228.7210, 23.0150,
6.9110

 87.9870, 63.9090,
25.7090

 248.9360, 6.0520,
0.4520

 59.6000, 60.7450,
27.9850

 33.9740, 56.7560,
28.6920

 23.3220, 46.4880,
16.5360

 16.0750, 30.9460,

11.8580

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 170.1790, 72.1160,
25.6520

■ 170.1790, 72.1160,
25.6520

■ 152.0670, 87.2910,
31.4750

■ 187.8180, 56.8950,
20.6630

■ 134.4280,
102.5120, 36.4640

■ 205.9300, 41.7200,
14.8400

■ 116.3160,
117.6870, 42.2870

■ 223.4550, 26.8200,
9.5400

■ 98.6770, 132.9080,
47.2760

■ 241.6810, 11.3240,
4.0280

■ 80.5650, 148.0830, 255.0000, -0.0000,
53.0990 -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.



172.7540, 54.9200, 39.9440



170.1790, 72.1160, 25.6520



168.9820, 70.3320, 2.9080

Triad

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



170.1790, 72.1160, 25.6520



154.2630, -27.2270, -40.7230



151.5070, -93.5780, -0.1220

Complementary

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



170.1790, 72.1160, 25.6520



218.8210, -72.1160, -25.6520

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.



138.0580, -129.7030, -22.7510



170.1790, 72.1160, 25.6520



130.9440, -104.1600, -50.6560

Square

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



170.1790, 72.1160, 25.6520



161.4890, 19.1710, -33.5730



136.7750, -119.2010, -36.8730



171.1890, -30.1280, 28.4000

Rectangle

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



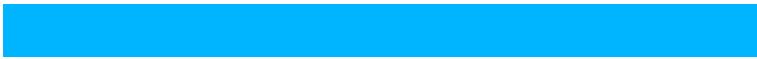
170.1790, 72.1160, 25.6520



167.3360, 59.9270, -12.2730



136.7750, -119.2010, -36.8730



135.3170, -131.6300, -15.3580

Sweetspot

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



170.1790, 72.1160, 25.6520



229.7640, 21.4560, 7.6320



183.3750, 32.0830, 62.8590



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.



170.1790, 72.1160, 25.6520



153.3550, 86.4200, 30.7400



204.2250, 56.1660, -4.6820



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.



170.1790, 72.1160, 25.6520



153.3550, 86.4200, 30.7400



184.1880, -55.8910, 5.2050



118.8870, 7.7480, 2.7560



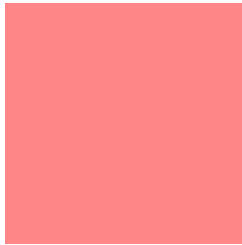
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 170.1790, 72.1160, 25.6520 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 170.1790, 72.1160, 25.6520 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 170.1790, 72.1160, 25.6520

Background



This preview shows how black text looks on a background with the YIQ color 170.1790, 72.1160, 25.6520.



This preview shows how white text looks on a background with the YIQ color 170.1790, 72.1160,

25.6520.

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

170.1790, 72.1160, 25.6520

Protanopia

170.2260, 10.8670, -4.2130

Deuteranopia

170.1870, 32.9660, -2.7300



Tritanopia

170.5040, 69.8230, 28.6630

Trichromacy



Original Color

170.1790, 72.1160, 25.6520

Protanomaly

170.2830, 33.0560, 6.6560

Deuteranomaly

169.9380, 47.2690, 7.8850

Tritanomaly

170.1620, 70.7860, 27.7300

Monochromacy



Original Color

170.1790, 72.1160, 25.6520

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1560, 26.2240, 9.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1790, 72.1160, 25.6520 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, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 134)  
}
```

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, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 134) }
```

Border

The CSS property to change the border of an element to YIQ 170.1790, 72.1160, 25.6520 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, 134, 134) }
```


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

```
.border{ border-color:rgb(255, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1790, 72.1160, 25.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 134) }
```

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

```
.background{ background-color: rgb(255,  
134, 134) }
```

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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