

Converting Colors

YIQ(212.4270, 24.0230, 10.6710)

Have a look what the booklet for
YIQ(212.4270, 24.0230, 10.6710)
contains.

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Color

**YIQ(212.4270, 24.0230,
10.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C7CC
RGB	242, 199, 204
RGB Percent	95%, 78%, 80%
CMY	0.0509, 0.2197, 0.1999
CMYK	0.00, 0.18, 0.16, 0.05
HSL	353°, 62%, 86%
HSV	353°, 18%, 95%
XYZ	67.9483, 64.0813, 65.9291
YIQ	212.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

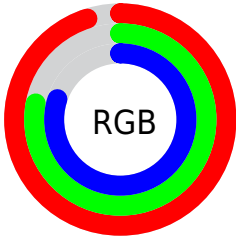
Format	Color
R _Y B	242, 199, 204
Decimal	15910860
CIE Lab	84.01, 16.01, 3.23
CIE LCh	84, 16.331, 11.397
Yxy	64.0813, 0.3432, 0.3237
Android (android.graphics.Color)	4294100940 (0xFFFF2C7CC)
YUV	212.4270, -4.1545, 25.9355
Hunter-Lab	80.0508, 11.4246, 7.2049

Details

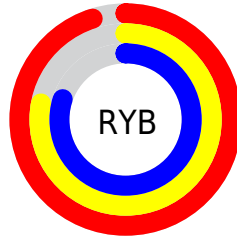
The YIQ color **212.4270, 24.0230, 10.6710** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.5730, -24.0230, -10.6710**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.5300, 22.2350, 10.0350** is the 20% darker color. If you saturate the color by 10%, you get **195.9450, 37.3640, 16.6920**, and if you desaturate by 10%, it is **228.9090, 10.6820, 4.6500**.

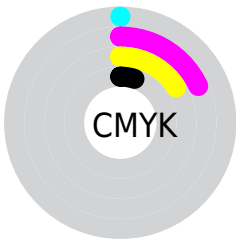
Distribution



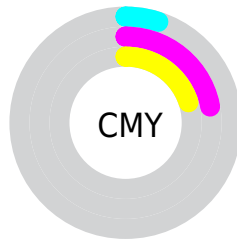
- Red (95%)
- Green (78%)
- Blue (80%)



- Red (95%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4270, 24.0230, 10.6710 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 212.4270, 24.0230, 10.6710 by changing the saturation by 10% instead.

212.4270, 24.0230,
10.6710

212.4270, 24.0230,
10.6710

255.0000, -0.0000,
-0.0000

184.8290, 22.8310,
10.2470

157.5300, 22.2350,
10.0350

131.2310, 21.6390,
9.8230

105.9320, 21.0430,
9.6110

81.3340, 19.8510,
9.1870

58.4370, 18.0630,
8.5510

35.9530, 16.5500,

8.4380

■ 13.0350, 19.2550,
8.9750

■ 0.0000, 0.0000,
0.0000

■ 212.4270, 24.0230,
10.6710

■ 212.4270, 24.0230,
10.6710

■ 195.9450, 37.3640,
16.6920

■ 228.9090, 10.6820,
4.6500

■ 179.3490, 51.0260,
22.4020

■ 245.5050, -2.9800,
-1.0600

■ 162.2800, 64.6420,
28.9460

■ 251.1130, -7.7480,
-2.7560

■ 145.7980, 77.9830,
34.9670

■ 129.2020, 91.6450,
40.6770

■ 112.7200,
104.9860, 46.6980

■ 96.1240, 118.6480,
52.4080

■ 79.0550, 132.2640,
58.9520

■ 75.5500, 135.2440,
60.0120

Harmonies

Analogous

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



212.7450, 14.4400, 13.6400



212.4270, 24.0230, 10.6710



211.4070, 26.7750, 4.8470

Triad

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



212.4270, 24.0230, 10.6710



206.6110, -0.8230, -12.6230



207.1680, -26.7760, 0.6800

Complementary

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



212.4270, 24.0230, 10.6710



228.5730, -24.0230, -10.6710

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.



204.6140, -31.2680, -6.0200



212.4270, 24.0230, 10.6710



205.0700, -15.3570, -13.5410

Square

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



212.4270, 24.0230, 10.6710



208.2600, 13.5270, -8.3690



204.1920, -27.3240, -11.4200



209.7290, -14.9940, 7.4220

Rectangle

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



212.4270, 24.0230, 10.6710



210.8750, 25.2170, 0.0410



204.1920, -27.3240, -11.4200



206.0320, -29.3890, -1.5250

Sweetspot

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



212.4270, 24.0230, 10.6710



246.1150, 7.1060, 3.3780



214.9650, 8.2490, 21.2170



122.5060, 4.4470, 2.0070



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.



212.4270, 24.0230, 10.6710



217.9440, 29.9370, 13.6250



221.2490, 21.2280, 0.7480



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Inverse Universe

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



212.4270, 24.0230, 10.6710



217.9440, 29.9370, 13.6250



219.7510, -21.2280, -0.7480



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 212.4270, 24.0230, 10.6710 looks on a white background.

Color Contrast Check

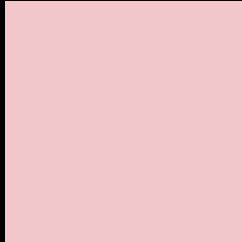
Large Text (above 18pt) WCAG AA × Fail

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 212.4270, 24.0230, 10.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

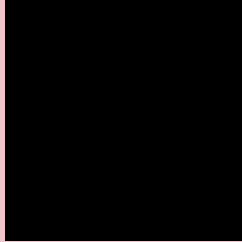
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.4270, 24.0230, 10.6710

Background



This preview shows how black text looks on a background with the YIQ color 212.4270, 24.0230, 10.6710.

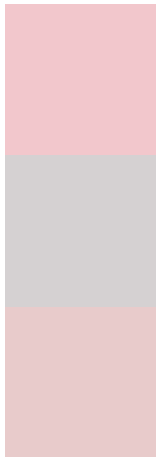


This preview shows how white text looks on a background with the YIQ color 212.4270, 24.0230,

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

212.4270, 24.0230, 10.6710

Protanopia

210.3100, 2.0630, 1.1590

Deuteranopia

211.6710, 17.2840, 6.1480



Tritanopia

213.1650, 22.0050, 14.2050

Trichromacy



Original Color

212.4270, 24.0230, 10.6710

Protanomaly

211.0230, 10.3610, 4.9610

Deuteranomaly

212.2800, 19.9430, 7.5190

Tritanomaly

212.8230, 22.9680, 13.2720

Monochromacy



Original Color

212.4270, 24.0230, 10.6710

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0120, 8.8940, 4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4270, 24.0230, 10.6710 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(242, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 199, 204)  
}
```

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(242, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 199, 204) }
```

Border

The CSS property to change the border of an element to YIQ 212.4270, 24.0230, 10.6710 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(242, 199, 204) }
```


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

```
.border{ border-color:rgb(242, 199, 204) }
```

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

Here you see how a box with a 4 pixel rgb(242, 199, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 199,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4270, 24.0230, 10.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 199, 204) }
```

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

```
.background{ background-color: rgb(242,  
199, 204) }
```

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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