

Converting Colors

YIQ(218.3730, 24.1150, 9.0030)

Have a look what the booklet for
YIQ(218.3730, 24.1150, 9.0030)
contains.

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Color

**YIQ(218.3730, 24.1150,
9.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CECF
RGB	247, 206, 207
RGB Percent	97%, 81%, 81%
CMY	0.0313, 0.1922, 0.1881
CMYK	0.00, 0.17, 0.16, 0.03
HSL	358°, 72%, 89%
HSV	358°, 17%, 97%
XYZ	71.6992, 68.4192, 68.4743
YIQ	218.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

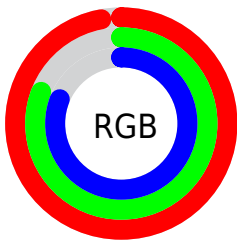
Format	Color
R _Y B	247, 206, 207
Decimal	16240335
CIE Lab	86.22, 14.57, 4.88
CIE LCh	86, 15.370, 18.525
Yxy	68.4192, 0.3437, 0.3280
Android (android.graphics.Color)	4294430415 (0xFFFF7CECF)
YUV	218.3730, -5.6069, 25.1059
Hunter-Lab	82.7159, 9.9733, 8.8194

Details

The YIQ color $218.3730, 24.1150, 9.0030$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $234.6270, -24.1150, -9.0030$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.4760, 22.3270, 8.3670$ is the 20% darker color. If you saturate the color by 10%, you get $200.9620, 38.6940, 14.6140$, and if you desaturate by 10%, it is $235.7840, 9.5360, 3.3920$.

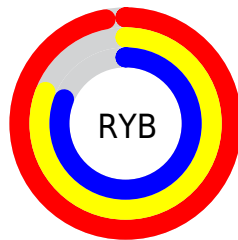
Distribution



Red (97%)

Green (81%)

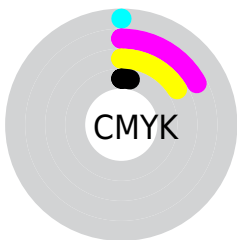
Blue (81%)



Red (97%)

Yellow (81%)

Blue (81%)

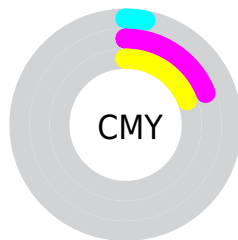


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 218.3730, 24.1150, 9.0030 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 218.3730, 24.1150, 9.0030 by changing the saturation by 10% instead.


 218.3730, 24.1150,
9.0030


 218.3730, 24.1150,
9.0030


255.0000, -0.0000,
-0.0000


 190.1880, 23.1980,
9.1020

 163.4760, 22.3270,
8.3670

 137.1770, 21.7310,
8.1550

 111.5790, 20.5390,
7.7310

 86.3940, 19.6220,
7.8300

 63.3830, 18.1550,
6.8830

 40.8990, 16.6420,

6.7700

■ 18.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 218.3730, 24.1150,
9.0030

■ 218.3730, 24.1150,
9.0030

■ 200.9620, 38.6940,
14.6140

■ 235.7840, 9.5360,
3.3920

■ 184.1380, 52.9980,
19.7020

■ 252.6080, -4.7680,
-1.6960

■ 166.7270, 67.5770,
25.3130

■ 149.3160, 82.1560,
30.9240

■ 131.9050, 96.7350,
36.5350

■ 115.0810,
111.0390, 41.6230

■ 97.5560, 125.9390,
46.9230

■ 80.1450, 140.5180,
52.5340

■ 74.5370, 145.2860,
54.2300

Harmonies

Analogous

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



218.5880, 16.3200, 12.6080



218.3730, 24.1150, 9.0030



217.1680, 25.9500, 3.2780

Triad

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



218.3730, 24.1150, 9.0030



212.7570, -4.1700, -12.5380



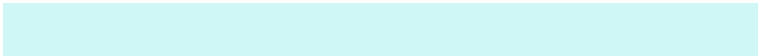
214.3750, -22.9250, 2.4750

Complementary

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



218.3730, 24.1150, 9.0030



234.6270, -24.1150, -9.0030

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.



211.4510, -29.2510, -4.0270



218.3730, 24.1150, 9.0030



211.2270, -17.2370, -12.5090

Square

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



218.3730, 24.1150, 9.0030



214.5800, 9.6300, -9.3300



210.5450, -26.8200, -9.5400



216.7080, -10.5010, 8.5950

Rectangle

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



218.3730, 24.1150, 9.0030



216.2660, 22.5580, -1.3300



210.5450, -26.8200, -9.5400



213.2390, -25.5380, 0.2700

Sweetspot

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



218.3730, 24.1150, 9.0030



246.0010, 7.4270, 3.0670



222.6340, 10.6790, 21.2310



122.3920, 4.7680, 1.6960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

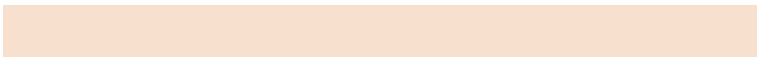
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.3730, 24.1150, 9.0030



219.3630, 30.0750, 11.1230



229.4120, 19.2110, -1.2450



113.5880, 7.1520, 2.5440



56.1840, 109.2510, 40.9870



17.7550, 34.8430, 12.8190

Inverse Universe

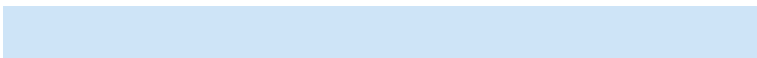
The Inverse Universe completely reimagines the original color for something new.



218.3730, 24.1150, 9.0030



219.3630, 30.0750, 11.1230



223.5880, -19.2110, 1.2450



113.5880, 7.1520, 2.5440



56.1840, 109.2510, 40.9870



17.7550, 34.8430, 12.8190

Previews

White Background



This preview shows how the YIQ color 218.3730, 24.1150, 9.0030 looks on a white background.

Color Contrast Check

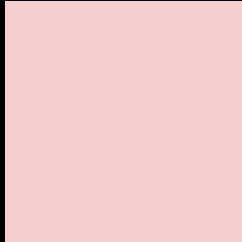
Large Text (above 18pt) WCAG AA × Fail

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 218.3730, 24.1150, 9.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

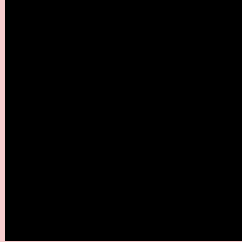
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.3730, 24.1150, 9.0030

Background



This preview shows how black text looks on a background with the YIQ color 218.3730, 24.1150, 9.0030.

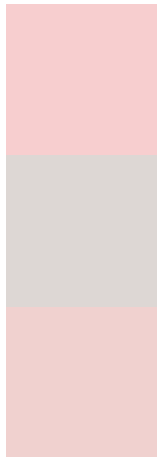


This preview shows how white text looks on a background with the YIQ color 218.3730, 24.1150,

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

218.3730, 24.1150, 9.0030

Protanopia

216.4520, 4.5390, 0.3390

Deuteranopia

218.0410, 19.1180, 5.9500



Tritanopia

219.2790, 21.6840, 14.5160

Trichromacy



Original Color

218.3730, 24.1150, 9.0030

Protanomaly

217.1540, 11.3700, 3.1940

Deuteranomaly

218.3510, 21.1810, 7.1090

Tritanomaly

218.9970, 22.4180, 12.2260

Monochromacy



Original Color

218.3730, 24.1150, 9.0030

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.4850, 8.9400, 3.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.3730, 24.1150, 9.0030 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(247, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 207)  
}
```

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(247, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 207) }
```

Border

The CSS property to change the border of an element to YIQ 218.3730, 24.1150, 9.0030 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(247, 206, 207) }
```


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

```
.border{ border-color:rgb(247, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 218.3730, 24.1150, 9.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 207) }
```

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

```
.background{ background-color: rgb(247,  
206, 207) }
```

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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