

Converting Colors

YIQ(228.4140, 24.8970, -5.1750)

Have a look what the booklet for
YIQ(228.4140, 24.8970, -5.1750)
contains.

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Color

**YIQ(228.4140, 24.8970,
-5.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1C0
RGB	249, 225, 192
RGB Percent	98%, 88%, 75%
CMY	0.0235, 0.1177, 0.2469
CMYK	0.00, 0.10, 0.23, 0.02
HSL	35°, 83%, 86%
HSV	35°, 23%, 98%
XYZ	75.5107, 77.7936, 60.9234
YIQ	228.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

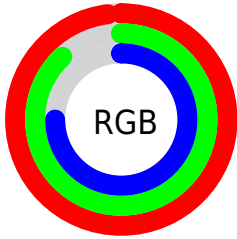
Format	Color
R_{YB}	233, 249, 192
Decimal	16376256
CIE _{Lab}	90.69, 3.23, 19.14
CIE _{LCh}	91, 19.406, 80.412
Yxy	77.7936, 0.3525, 0.3631
Android (android.graphics.Color)	4294566336 (0xFFFF9E1C0)
YUV	228.4140, -17.9521, 18.0539
Hunter-Lab	88.2007, -1.5331, 20.7867

Details

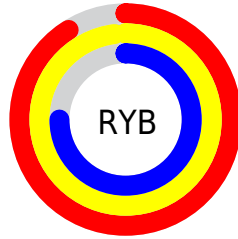
The YIQ color $228.4140, 24.8970, -5.1750$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $212.5860, -24.8970, 5.1750$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $172.9300, 23.3840, -5.2880$ is the 20% darker color. If you saturate the color by 10%, you get $219.6940, 35.6720, -7.7200$, and if you desaturate by 10%, it is $237.1340, 14.1220, -2.6300$.

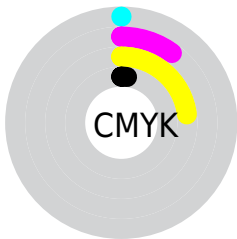
Distribution



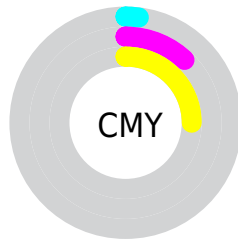
- Red (98%)
- Green (88%)
- Blue (75%)



- Red (91%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.4140, 24.8970, -5.1750 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 228.4140, 24.8970, -5.1750 by changing the saturation by 10% instead.

228.4140, 24.8970,
-5.1750

228.4140, 24.8970,
-5.1750

255.0000, -0.0000,
-0.0000

200.2290, 23.9800,
-5.0760

254.3160, 1.9260,
-1.8660

172.9300, 23.3840,
-5.2880

146.1580, 22.7420,
-4.6660

120.5600, 21.5500,
-5.0900

95.4890, 20.3120,
-4.6800

71.8910, 19.1200,
-5.1040

48.8200, 17.8820,

-4.6940

■ 28.1080, 17.0110,
-5.4290

■ 3.5880, 7.1520,
2.5440

■ 228.4140, 24.8970,
-5.1750

■ 228.4140, 24.8970,
-5.1750

■ 219.6940, 35.6720,
-7.7200

■ 237.1340, 14.1220,
-2.6300

■ 210.3870, 46.7220,
-9.7420

■ 246.4410, 3.0720,
-0.6080

■ 201.6670, 57.4970,
-12.2870

■ 253.2060, -3.5760,
-1.2720

■ 192.3600, 68.5470,
-14.3090

■ 183.7540, 79.0010,
-16.5430

■ 174.4470, 90.0510,
-18.5650

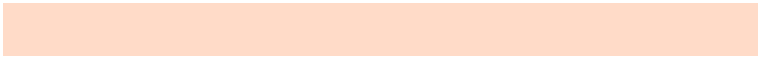
■ 165.7270,
100.8260, -21.1100

■ 158.9790,
108.8040, -22.5240

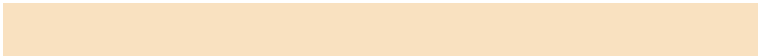
Harmonies

Analogous

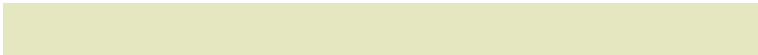
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.5980, 27.5550, 1.7230



228.4140, 24.8970, -5.1750



226.0700, 11.0060, -12.2420

Triad

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



228.4140, 24.8970, -5.1750



221.5870, -35.8060, -11.8860



231.7210, 5.8200, 15.6760

Complementary

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



228.4140, 24.8970, -5.1750



212.5860, -24.8970, 5.1750

Split Complementary

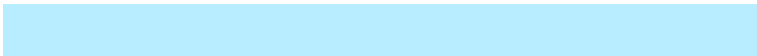
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.7080, -10.5010, 8.5950



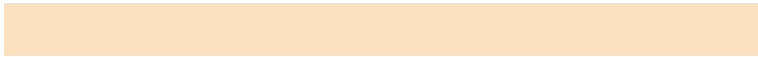
228.4140, 24.8970, -5.1750



223.2050, -37.3660, -5.6380

Square

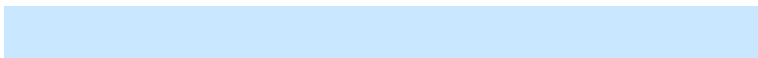
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.4140, 24.8970, -5.1750



222.2970, -23.4260, -15.9860



225.3530, -25.8590, 0.5810



229.8270, 17.1450, 14.1770

Rectangle

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



228.4140, 24.8970, -5.1750



225.0300, -0.6850, -15.1250



225.3530, -25.8590, 0.5810



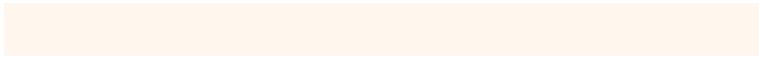
230.5570, 0.4100, 14.6020

Sweetspot

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



228.4140, 24.8970, -5.1750



248.2520, 7.9780, -1.4140



211.8930, 25.9470, 19.8590



123.8110, 4.9060, -0.8060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

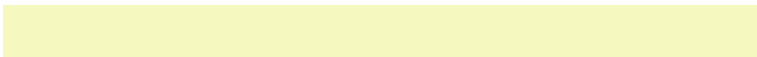
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.4140, 24.8970, -5.1750



230.1110, 30.1240, -6.2920



241.3060, 15.9130, -18.5750



120.5830, 5.5480, -1.4280



120.4940, 82.6690, -16.9390



38.7840, 26.7310, -5.3730

Inverse Universe

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



212.5860, -24.8970, 5.1750



210.8890, -30.1240, 6.2920



199.6940, -15.9130, 18.5750



117.0040, -5.8230, 0.9050



68.5060, -82.6690, 16.9390



22.2160, -26.7310, 5.3730

Previews

White Background



This preview shows how the YIQ color 228.4140, 24.8970, -5.1750 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 228.4140, 24.8970, -5.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

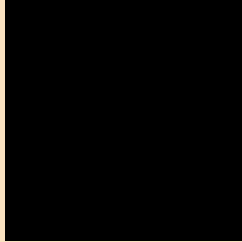
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.4140, 24.8970, -5.1750

Background



This preview shows how black text looks on a background with the YIQ color 228.4140, 24.8970, -5.1750.



This preview shows how white text looks on a background with the YIQ color 228.4140, 24.8970,

-5.1750.

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

228.4140, 24.8970, -5.1750

Protanopia

227.5980, 18.3870, -8.3410

Deuteranopia

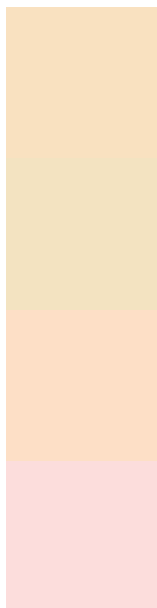
229.5870, 26.0880, 0.7760



Tritanopia

231.4030, 15.4030, 12.7070

Trichromacy



Original Color

228.4140, 24.8970, -5.1750

Protanomaly

227.9080, 20.4500, -7.1820

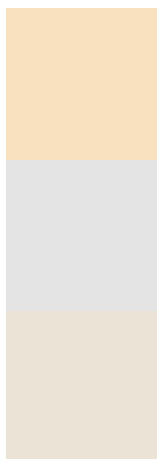
Deuteranomaly

229.1200, 25.9050, -1.4150

Tritanomaly

230.1550, 18.7970, 6.2610

Monochromacy



Original Color

228.4140, 24.8970, -5.1750

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.3230, 9.2160, -1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.4140, 24.8970, -5.1750 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(249, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 192)  
}
```

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(249, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 192) }
```

Border

The CSS property to change the border of an element to YIQ 228.4140, 24.8970, -5.1750 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(249, 225, 192) }
```


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

```
.border{ border-color:rgb(249, 225, 192) }
```

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

Here you see how a box with a 4 pixel rgb(249, 225, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 228.4140, 24.8970, -5.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 192) }
```

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

```
.background{ background-color: rgb(249,  
225, 192) }
```

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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