

Converting Colors

YIQ(227.0420, 34.5720, -9.8120)

Have a look what the booklet for
YIQ(227.0420, 34.5720, -9.8120)
contains.

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Color

**YIQ(227.0420, 34.5720,
-9.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE0AC
RGB	254, 224, 172
RGB Percent	100%, 88%, 67%
CMY	0.0039, 0.1216, 0.3253
CMYK	0.00, 0.12, 0.32, 0.00
HSL	38°, 98%, 84%
HSV	38°, 32%, 100%
XYZ	74.9797, 77.3575, 50.0321
YIQ	227.0420, 34.5720, -9.8120

Conversions

Conversions Part 2

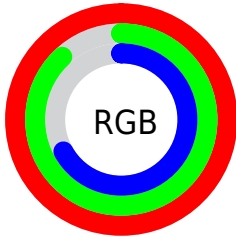
Format	Color
R _Y B	219, 254, 172
Decimal	16703660
CIE Lab	90.49, 3.01, 29.26
CIE LCh	90, 29.417, 84.136
Yxy	77.3575, 0.3705, 0.3823
Android (android.graphics.Color)	4294893740 (0xFFFE0AC)
YUV	227.0420, -27.1357, 23.6422
Hunter-Lab	87.9531, -1.7474, 27.8400

Details

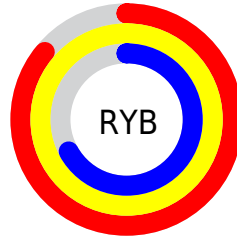
The YIQ color $227.0420, 34.5720, -9.8120$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.9580, -34.5720, 9.8120$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $171.3730, 32.1420, -9.8260$ is the 20% darker color. If you saturate the color by 10%, you get $218.9090, 45.0720, -12.8800$, and if you desaturate by 10%, it is $235.1750, 24.0720, -6.7440$.

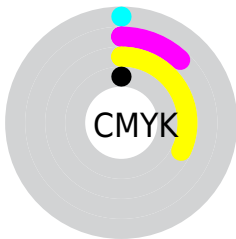
Distribution



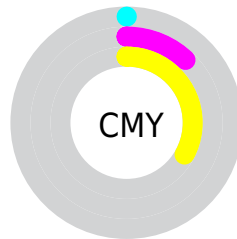
- Red (100%)
- Green (88%)
- Blue (67%)



- Red (86%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.0420, 34.5720, -9.8120 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 227.0420, 34.5720, -9.8120 by changing the saturation by 10% instead.


 227.0420, 34.5720,
-9.8120


 227.0420, 34.5720,
-9.8120


255.0000, -0.0000,
-0.0000


 198.8570, 33.6550,
-9.7130


 251.9220, 8.6670,
-8.3970

 171.3730, 32.1420,
-9.8260

 144.3020, 30.9040,
-9.4160

 118.8180, 29.3910,
-9.5290

 93.7470, 28.1530,
-9.1190

 69.8500, 26.3650,
-9.7550

 46.7250, 25.2190,

-11.0130

■ 27.2220, 16.6900,
-5.1180

■ 3.2890, 6.5560,
2.3320

■ 227.0420, 34.5720,
-9.8120

■ 227.0420, 34.5720,
-9.8120

■ 218.9090, 45.0720,
-12.8800

■ 235.1750, 24.0720,
-6.7440

■ 210.0750, 56.1680,
-15.7360

■ 244.0090, 12.9760,
-3.8880

■ 201.9420, 66.6680,
-18.8040

■ 252.1420, 2.4760,
-0.8200

■ 193.6950, 77.4890,
-22.1830

■ 254.7010, -0.5960,
-0.2120

■ 184.9750, 88.2640,
-24.7280

■ 176.8420, 98.7640,
-27.7960

■ 170.4530,
107.1090, -30.3550

Harmonies

Analogous

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



223.3120, 34.1120, -1.4720



227.0420, 34.5720, -9.8120



224.1100, 13.5290, -19.4230

Triad

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



227.0420, 34.5720, -9.8120



215.0940, -59.4630, -18.1750



230.3460, 11.5500, 21.9660

Complementary

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



227.0420, 34.5720, -9.8120



198.9580, -34.5720, 9.8120

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.



226.6590, -8.8050, 10.8990



227.0420, 34.5720, -9.8120



215.7080, -55.2000, -12.8320

Square

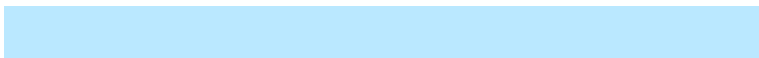
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.0420, 34.5720, -9.8120



216.5720, -40.6180, -23.8020



220.8680, -34.7990, -2.5990



225.0170, 19.6660, 18.0500

Rectangle

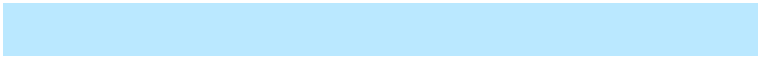
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.0420, 34.5720, -9.8120



221.7210, -4.4890, -23.2810



220.8680, -34.7990, -2.5990



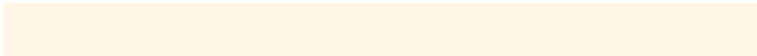
230.3130, 7.1490, 19.1250

Sweetspot

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



227.0420, 34.5720, -9.8120



246.8670, 10.5000, -3.0680



199.9380, 39.2420, 26.7140



122.6540, 6.7860, -1.8380



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

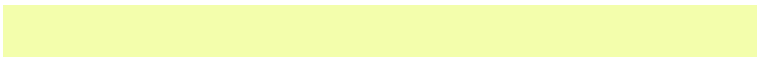
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.0420, 34.5720, -9.8120



222.5820, 41.6790, -11.9610



241.3630, 19.7660, -27.8340



123.5830, 5.5480, -1.4280



128.1360, 80.5610, -22.7910



42.6160, 27.1440, -7.3520

Inverse Universe

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



198.9580, -34.5720, 9.8120



188.4180, -41.6790, 11.9610



184.6370, -19.7660, 27.8340



118.8300, -5.2730, 1.9510



62.8640, -80.5610, 22.7910



20.7970, -26.8690, 7.8750

Previews

White Background



This preview shows how the YIQ color 227.0420, 34.5720, -9.8120 looks on a white background.

Color Contrast Check

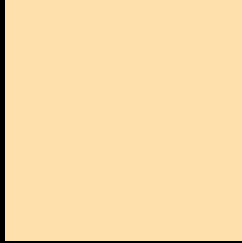
Large Text (above 18pt) WCAG AA × Fail

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 227.0420, 34.5720, -9.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

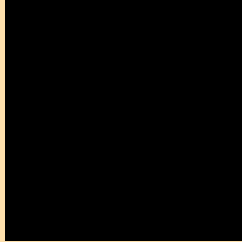
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.0420, 34.5720, -9.8120

Background



This preview shows how black text looks on a background with the YIQ color 227.0420, 34.5720, -9.8120.



This preview shows how white text looks on a background with the YIQ color 227.0420, 34.5720,

-9.8120.

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

227.0420, 34.5720, -9.8120

Protanopia

226.6280, 26.8700, -13.4020

Deuteranopia

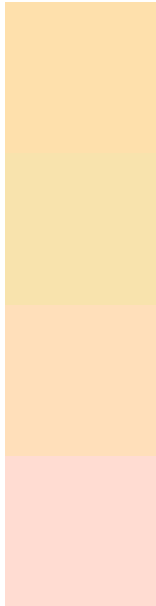
228.6750, 28.6560, -1.7120



Tritanopia

230.6590, 17.5580, 12.1980

Trichromacy



Original Color

227.0420, 34.5720, -9.8120

Protanomaly

227.1230, 29.8500, -12.3420

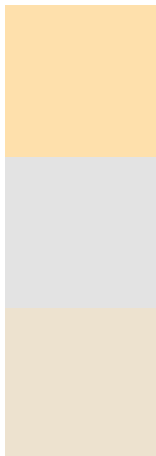
Deuteranomaly

228.3500, 30.9490, -4.7230

Tritanomaly

229.3250, 24.0700, 4.3100

Monochromacy



Original Color

227.0420, 34.5720, -9.8120

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.1230, 12.6550, -3.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.0420, 34.5720, -9.8120 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(254, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 172)  
}
```

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(254, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 172) }
```

Border

The CSS property to change the border of an element to YIQ 227.0420, 34.5720, -9.8120 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(254, 224, 172) }
```


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

```
.border{ border-color:rgb(254, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 227.0420, 34.5720, -9.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 172) }
```

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

```
.background{ background-color: rgb(254,  
224, 172) }
```

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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